

DR. HARRY G. BROADMAN

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Functional Expertise:

Business Strategy: Organic Growth, M&A/JVs; Cross-Border Transactions; Supply Chains; Location Strategy; Privatization; Innovation
Risk-Mitigation: Financial Controls; Due Diligence; FCPA/Anti-Corruption Compliance; Co-Investments and Public-Private-Partnerships (PPPs)
Foreign Investment, Trade, National Security: Trade Agreements (NAFTA/WTO); Investment Treaties; Regulation of Foreign Investment (CFIUS)
Corporate Governance/Finance: Enterprise Restructuring; Shareholder Rights; Activist Stakeholder Engagement; CSR
Antitrust and Regulation: Dominant Firms/FANGs; Vertical and Horizontal Mergers; Entry Barriers and Predatory Conduct; Utility Pricing
Non-Executive Corporate Director: (Currently on 3 Private Company Boards) including Member of Executive Committee; Chair of Audit Committee.
Litigation Expert Witness: Global Disputes/Arbitration; Intelligence/Investigations; Antitrust/Regulation; Governance; FCPA; CFIUS; Damages

Sectoral Expertise: (Principal Areas)

Financial Services: Corporate Finance; Banking; Private Equity; Asset Management; M&A/JVs; FinTech; R&D Investment; Compliance
Infrastructure and Advanced Technology: Logistics; Telecoms/ICT; Aviation; Shipping; Rail; Trucking; e-Commerce; Construction; Tourism
Energy, Minerals and Natural Resources: Oil; Natural Gas; Electric Power; Non-Fossil Fuels/Renewables; Mining; Forestry/Land Management

Geographical Expertise: Excluding All Advanced Countries, Field-Level, Operational Experience in 75+ Emerging Markets Across 5 Continents:

Asia: China and ASEAN; India and Nepal
LATAM: Brazil, Mexico, Colombia, Peru, Venezuela, Trinidad/Tobago
Russia/CIS/Europe: Vast Majority of FSU; All Eastern and Central Europe; The Balkans; Turkey
Africa: Majority of countries on the continent
Middle East: UAE, Kuwait, Israel, Egypt

Companies Advised (selected):

GE, IBM, Coca-Cola, Canon, Exxon-Mobil, Valmet, Abraaj, Corning, Heineken, Merck, Pepsi, Walmart, Deere, Mars, Canadian Pension Plan Investment Board, Intel, Temasek, Berkshire Hathaway, McCormick, ICANN, SunEdison, ITW, Westinghouse, Siemens, Standard Chartered, Microsoft, Manitowoc, Kuwait Investment Authority, PPG, Tyco, Caterpillar, ADIA, Dow, Australia Future Fund, and Avon

Executive, Policy-Making, Consulting and Academic Positions

- 2019 – Present **Berkeley Research Group LLC**, Washington, DC
Partner and Chair, Emerging Markets Practice
- 2015 – Present **Johns Hopkins University Faculty, Graduate School of Advanced International Studies (SAIS)**, Washington, DC
Senior Fellow, Department of International Economics and Foreign Policy Institute
- 2015 – Present **National Association of Corporate Directors (NACD)**, Washington, DC
Master Workshop Faculty Member
Corporate Governance Strategies to Better Balance Opportunities and Risks
- 2015 – Present **Proa Global Partners LLC**, Washington, DC
CEO and Managing Partner
Advisory Services for Structuring Cross-Border Transactions
Clients: U.S./Foreign Corporations, Banks, Private Equity Firms, Family Offices, Institutional Investors, SWFs
- 2011 – 2015 **PricewaterhouseCoopers (PwC) LLP**, Washington, DC
Sr. Managing Director; Founder & Practice Leader, Global Business Growth Management Consulting; PwC Chief Economist
Operational/Transaction Advisory to C-Suites/Boards on Growth Strategy; Risk Compliance; Supply Chain Management
- 2008 – 2011 **Albright Capital Management LLP**, Washington, DC. International Private Equity Firm Chaired by Madeleine Albright
Managing Director and Member of Investment Committee
Responsibilities Included Structuring Co-Investments; Capital Raising; Overseeing Proprietary Deal Flow
- 2008 – 2011 **Albright Stonebridge LLC**, Washington, DC Global Business Diplomacy Consultancy
Managing Director
Lead for C-Suite Client Engagements on Investment and Trade Policy Risk; Due Diligence; Supply Chain Management
- 1993 – 2008 **The World Bank Group**, Washington, DC
China: Enterprise Restructuring and International Trade/Investment Policy Lead (1993-1997)
Russia/CIS/Balkans: Sovereign Finance Operations and International Trade/Investment Policy Lead: (1997-2005)
Africa: Continent-Wide Economic Advisor on All Bank Operations, with Focus on Trade and Investment (2005-2008)
- 1991 – 1993 **Executive Office of the President**, Washington, DC
United States Assistant Trade Representative
Lead US Negotiator: All Services Industries for NAFTA and WTO; and All U.S. Bilateral Investment Treaties
Board Member, *Overseas Private Investment Corporation (OPIC)*
Member, *Committee on Foreign Investment in the US (CFIUS)*—Cabinet-Level Economic National Security Body

- 1990 – 1991 **President's Council of Economic Advisers**, The White House, Washington, DC
Chief of Staff
 Responsible for Agency's Day-to-Day Management and of Inter-Cabinet Economic Policy Coordination
 Led Management of Writing and Publishing Several Annual *Economic Reports of the President*
- 1987 – 1990 **United States Senate**, Washington, DC
Senior Professional Staff, Committee on Governmental Affairs (John Glenn, Chairman)
 Core Drafter: *Omnibus Trade Act of 1988*; Served as *Committee Chief Economist*; OMB & Federal Budget Oversight
- 1985 – 1987 **Harvard University Faculty**, Cambridge, MA (three appointments)
Visiting Faculty, School of Arts & Sciences, Department of Economics (Teaching International Trade & Investment)
Visiting Faculty, Kennedy School of Government (Teaching International Energy Markets and Regulation)
Senior Fellow, Harvard Energy and Environmental Policy Center (Natural Gas Policy; Expert Witness Testimony)
- 1982 – 1985 **Johns Hopkins University Faculty, Graduate School of Advanced International Studies**, Washington, DC
Adjunct Professor, Economics of Multinational Corporations
- 1981 – 1985 **Resources for the Future, Inc.**, Washington, DC
Assistant Director, Center on Global Energy Markets and Policy
- 1980 – 1981 **The Brookings Institution**
Fellow, Economics Studies Program
- 1979 - 1980 **The RAND Corporation**, Washington, DC
Advisor, International Energy Security Policy

Board Experience

Board Leadership Fellow, National Association of Corporate Directors (NACD) 2017-present
Board of Directors, Executive Committee Member; Audit Committee Chair, PartnersGlobal (Alternative Dispute Resolution Firm), 2008-present
Board of Directors, Strategic Ratings PLC (New UK-based Credit Ratings Agency), 2018-present
Board of Advisors, ArmorText (Enterprise Cyber Software Services Provider), 2017-present
Board of Advisors, Lake Tanganyika Floating Clinic (Healthcare and Telecom Services Provider), 2015-present
Board of Advisors, Global Business School Network, 2007-present
Board of Directors, Corporate Council on Africa, 2012-2016
Board of Advisors, Russian-American Chamber of Commerce, 2006-2010

Organizational Memberships

Elected Lifetime Member, Council on Foreign Relations, 1995-
Appointed Lifetime Member, Bretton Woods Committee, 2008-

Summary of Publications [Detailed Titles Attached] (See: <https://www.harrygbroadman.com/books-articles>)

Author of several books and numerous articles published in peer-reviewed Finance, Trade, Economics, Foreign Policy, and Law Journals.

Journals include: *The World Economy; Review of Industrial Organization; Yale Journal on Regulation; Columbia Journal of World Business; Journal of Economic Literature; Foreign Affairs; Journal of Policy Reform; Journal of Corporate Ownership & Control; Journal of Policy Analysis & Management; International Journal of the Economics of Business; Transnational Corporations; Finance and Development; Energy Policy; Journal of Asian Studies; Land Economics; The Energy Journal; Eurasian Geography and Economics; The International Lawyer; Economics of Planning; The Washington Quarterly; Journal of Energy and Development; The Natural Resources Journal; African Analyst Quarterly; The Globalist; CESifo Economic Forum; Journal of International Commerce, Economics and Policy; The International Journal of Industrial Organization; Columbia FDI Perspectives*

Books include: *Africa's Silk Road: China and India's New Economic Frontier*
From Disintegration to Reintegration: The Former Soviet Union in International Trade
Economic Liberalization and Integration Policy
Building Market Institutions in South Eastern Europe
Unleashing Russia's Business Potential
China's Management of Enterprise Assets: The State as Shareholder
Policy Options for Chinese State Owned Enterprise Reform
Case-by-Case Privatization in Russia
Russian Policies Toward WTO Accession
Natural Gas Markets After Deregulation

Columnist (See: <https://www.harrygbroadman.com/business-columns>)

Monthly Global Business Columnist, *Forbes; Newsweek-International*; and *Gulf News*, 2015 – present

Keynote Speaking (See: <https://www.harrygbroadman.com/speaker-brochurebio>) and (See: <https://www.harrygbroadman.com/speech-videos>)
Represented by: **Washington Speakers Bureau; Leading Authorities; Harry Walker Agency; London Speaker Bureau; and China Speakers Agency**, 2015-present

Media Interviews (See: <https://www.harrygbroadman.com/speaker-brochurebio>)

Select Outlets: **The New York Times; The Financial Times; The Wall Street Journal; The Washington Post; BBC; Harvard Business Review; NPR; CNBC; CBC; Huffington Post; Euromoney; South China Morning Post; Bloomberg; Christian Science Monitor; National Journal; South Africa Broadcast Company; Australia's SBS Television; Hindustan Times; Factor Magazine; El Arabiya; El Pais; Politico; L'Express; Pulso**

Education

A.B., **Brown University**, *magna cum laude*, Economics and History; elected to *Phi Beta Kappa*; 1977

A.M., **The University of Michigan**, Economics, 1978

Ph.D., **The University of Michigan**, Economics, 1981 (Awarded Full 4-Year Doctoral Fellowship by University of Michigan)

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SELECT DETAILED LIST OF PROFESSIONAL PUBLICATIONS, CONGRESSIONAL TESTIMONY, WORLD BANK AND U.S. SENATE OPERATIONAL WORK

I. BOOKS, ARTICLES AND REPORTS

A. *International Business and Economics*

"Game On: Private Equity in Africa", *Deals Prospects*, PricewaterhouseCoopers, New York. April 2014. [Chaired/Moderated roundtable with Blackstone, Carlyle, Emerging Capital Partners, and Fairview Capital]

"The Russian Evolution: How Can Foreign Firms Prosper?" *Marketmap. PricewaterhouseCoopers. New York. September 2013*

"Competing for African Markets: Strategies to Win New Business Now", *The View. PricewaterhouseCoopers. New York. June 2013*

"Are the African and Asian Economies Really Unlikely Bedfellows?", *The Commonwealth of Nations Annual Report*, London. January 2013

"The Southeast Asian Tigers Roar Again: This Time for Real", *Marketmap. PricewaterhouseCoopers. New York. October 2012*

"The Eurozone Crisis: Breaking Up is Hard to Do", *Issues in Financial Sector Development. PricewaterhouseCoopers. (with S. Venkat and P. Frank) New York. 2012*

"Multinational Enterprises from Emerging Markets: Implications for the North and the South", in K. Sauvant and J. Reimer. Eds., *Issues in International Investment*, Columbia University, New York. 2012

"Dealing with the New World of Multinational Competition", *Resilience, Winning with Risk. Vol 1, No.1, PricewaterhouseCoopers. New York. 2012*

"China: Pearls, Pitfalls and Possibilities" *Marketmap. PricewaterhouseCoopers. New York. January 2012*

"Separating the Wheat from the Chaff: The Backstory of China and India's Growing Investment and Trade with Africa" *Columbia FDI Perspectives*, No. 34, New York. 2011

"On Investing in Africa", *10 Minutes*, PricewaterhouseCoopers, New York. 2011

"Africa's Growth Kings", *The Globalist*, Washington DC. July 2010

"More Resilient Than Meets the Eye: Africa and the Global Economic Crisis", *African Analyst Quarterly*, 2010. Johannesburg.

"How China and India Really Operate in Africa", *The Globalist*, June 2010, Washington DC

'First-Mover' Investment Advantages in Sub-Saharan Africa: Why Northern Multinationals Should React (Quickly) to their Southern Counterparts", *CEsifo Forum*, Volume 10, Number 4, 2009/2010. Munich.

"Chinese-African Trade and Investment: The Vanguard of South-South Commerce in the Twenty-First Century", in R. Rotberg ed. *China and Africa*. The Brookings Institution. 2009

"China and India Go to Africa", *Foreign Affairs*, Council on Foreign Relations, New York, March/April 2008

Africa's Silk Road: China and India's New Economic Frontier, World Bank. 2007

"Where Does All the Foreign Investment Go in Russia?" *Eurasian Geography and Economics* (Lead Article) (with F. Recanatini)

From Disintegration and Re-Integration: Eastern Europe and the Former Soviet Union in International Trade The World Bank, Washington DC. 2006.

Economic Liberalization and Integration Policy: Options for Eastern Europe and Russia. Springer, Berlin Germany. 2005. (edited with P. Welfens and T. Paas)

"Entering the Union: EU Accession and Capacity Building Priorities", *Transport and International Trade Roundtable 130*, OECD, Paris (with J. Wilson and X. Luo)

"Global Economic Integration: Prospects for WTO Accession and Continued Russian Reforms". *The Washington Quarterly*. Spring 2004.

"China's Membership in the WTO and Enterprise Reform: The Challenges for Accession and Beyond." in S. Ostry and A. Alexandroff. eds. *China and the Long March to the World Trade Organization*. Routledge Press.

"Improving Russia's Foreign Direct Investment Policy Regime." *Policy Research Working Paper No.2329*, The World Bank, Washington, DC. May 2000. (with J. Bergsman and V. Drebenstov).

Russian Trade Policy Reform for WTO Accession. editor. The World Bank. Washington, DC. January 1999.

"The Distribution of Foreign Direct Investment in China." *The World Economy*. May 1997. (with X. Sun).

"GATS: The Uruguay Round Accord on International Trade and Investment in Services." *The World Economy*. March 1994. Reprinted in Hans Singer et al ed., *Trade in Services*. New World Order Series, Volume 14. B.R. Publishing. 1999.

"Liberalizing International Trade in Telecommunications Services." *Columbia Journal of World Business*. Winter 1993. (with C. Balassa).

"International Trade and Investment in Services: A Comparative Analysis of the North American Free Trade Agreement." *The International Lawyer*. Fall 1993. Reprinted in John H. Jackson et al, *Legal Problems of International Economic Relations*, West Publishing Company, 1995.

"Open International Markets and Prosperity." *1992 Economic Report of the President*. Executive Office of the President. Washington, DC: Government Printing Office (GPO). February 1992. (with R. W. Staiger et. al.).

"Trade Effects of Transnational Corporations." in R. Belous and K. McClenahan. eds. *Global Corporations & Nation-States: Do Companies or Countries Compete?* Washington, DC: National Planning Association. 1991.

"Trade Liberalization and Economic Growth." in *The 1991 Economic Report of the President*. Executive Office of the President. Washington, DC: U.S. GPO. February 1991. (with R. Baldwin and N. Ballenger)

"Corporate Strategies of Foreign Investment in Oil Exploration Outside North America." *Journal of Energy and Development*. Vol. 13, No. 1. 1988.

The Economic Competitiveness, International Trade, and Technology Development Act. U.S. Senate. Committee on Governmental Affairs. Senate Report 100-82. Washington, DC: U.S. GPO. June 1987.

"The Drilling Gap in Non-OPEC Developing Countries: Role of Contractual and Fiscal Arrangements." *Natural Resources Journal*. April 1985. (with J. Dunkerley).

"Petroleum Firm Foreign Investment Strategies in Exploratory Drilling Outside North America." in M. Baier ed. *Energy & Economy Global Interdependencies*. Bonn: Gesellschaft fur Energiewissenschaft und Energiepolitik. 1985.

"Petroleum Firm Foreign Investment in Non-OPEC Developing Countries: A Theoretical Perspective." in R.K. Pachauri. ed. *Global Energy Interactions*. Ahmedabad, India: Allied Publishers Private Ltd. 1985.

"Petroleum Prospects and Investment in East Asian Developing Countries." in R. Morse and D. Chapman. eds. *Issues in East Asian Energy Development*. Boulder, CO: Westview Press. 1984.

Foreign Investment in Petroleum Outside North America. Washington, DC: Resources for the Future. 1984.

"Constraints on Petroleum Investment in Non-OPEC Developing Countries: An Analytical Overview." in R. Itteilag. ed.. *Government and Energy Policy*. Boulder, CO: Westview Press. 1983.

"The Pattern of Petroleum Investment in Non-OPEC Developing Countries: Company and Country Roles," in *The United Nations Report on Energy in the Eighties*. New York: The United Nations. 1983.

"Public-Private Joint Ventures in Oil Exploration and Development in Developing Countries." in M. Miyata and K. Matsui. eds. *Energy Decisions for the Future*. Tokyo: The Institute of Energy Economics. 1986.

B. Growth, Governance, Regulation

- "An Opportunity to Drive Modernization and Growth: China and Africa", *Gridlines*, PricewaterhouseCoopers. New York. 2012
- "European Accession and the Trade Facilitation Agenda", *Journal of International Commerce, Economics and Policy*, Vol.1, No.2, with J. Wilson et al. 2010
- "Reducing Structural Dominance and Entry Barriers in Russian Industry," *The Review of Industrial Organization*. September 2000.
- "Competition, Corporate Governance and Regulation in Central Asia: Uzbekistan's Structural Reform Challenges." *Policy Research Working Paper No. 2331*, The World Bank, Washington, DC. May 2000.
- "The Incentive Regime in Chinese Enterprises: Ownership, Governance and Competition," The World Bank, Washington, DC. July 1995.
- "How Natural is Monopoly?" *Yale Journal on Regulation*. Vol. 6., Summer 1989. (with J. Kalt).
- "Deregulating Entry and Access to Pipelines," in J. Kalt and F. Schuller, eds., *Drawing the Line on Natural Gas Regulation: The Harvard Study on the Future of Natural Gas*. Boston, MA: Quorum Books. 1987.
- "Competition in Natural Gas Pipeline Wellhead Supply Purchases," *Energy Journal*. Vol. 8, No. 3. 1987.
- "Natural Gas Deregulation: The Need for Further Reform." *Journal of Policy Analysis and Management*. Vol. 5, No. 3. May 1986.
- "Elements of Market Power in the Natural Gas Pipeline Industry." *Energy Journal*. Vol. 7, No. 1. January 1986.
- "Natural Gas Deregulation: A Study of Recurring Regulatory Reform." Harvard University Energy and Environmental Policy Center. Cambridge, MA: Harvard University. February 1986.
- "Regulatory Reform of Interstate Natural Gas Pipelines." Harvard University Energy and Environmental Policy Center. Cambridge, MA: Harvard University. December 1985.
- "Field Price Deregulation and the Carrier Status of Natural Gas Pipelines." *Energy Journal*. Vol. 6, No. 2. April 1985. (with W. D. Montgomery and M. Russell).
- Natural Gas Markets After Deregulation*. Baltimore, MD: The Johns Hopkins University Press. 1983. (with W. D. Montgomery).

C. Institutional and Structural Reform

- "Under the Table, On the Radar: Improving Anti-Corruption Compliance", PricewaterhouseCoopers. (with M. Alas et al). New York. 2011
- "North Korea Inside Out", The Asia Society (with S. Shirk et al). New York. 2009
- Building Market Institutions in South Eastern Europe*, The World Bank, July 2004 (with Stijn Claessens et al).
- "Is Russia Restructuring?" *Journal of Corporate Ownership and Control*, Vol. 1, No. 1. November 2003. (with F. Recanatini).
- "Do Labor Strategies Matter? The Case of China". (with J. Lane and R. Feinberg). *The International Journal of the Economics of Business*. Vol. 9 (2) 225-237, July 2002.
- Unleashing Russia's Business Potential: Lessons from the Regions for Building Market Institutions*. ed. The World Bank. Washington, DC. April 2002.
- "The Business(es) of the Chinese State" *The World Economy*. (Lead Article) Vol. 24, No. 7, July 2001.
- "Tajikistan's Enterprise Adjustment and Private Sector Development" in *Tajikistan: Towards Accelerated Economic Growth*, The World Bank, Washington, DC. January 2001.
- "The Chinese State as Corporate Shareholder." *Finance and Development*. Vol. 36, No. 3. September 1999.
- "On Ownership and Control in Russian Industry." in *Corporate Governance in Russia*, OECD, Paris. 2000; earlier version published in *Russian Commerce News*. Volume 7, Number 4. September 1999.
- Russian Enterprise Reform: Policies to Further the Transition*. ed. The World Bank. Washington, DC. January 1999.
- Case-by-Case Privatization in the Russian Federation*. ed. The World Bank. Washington, DC. May 1998.

"The Emergence of Case-by-Case Privatization in Russia." in H. G. Broadman. ed. *Case-by-Case Privatization in the Russian Federation: Lessons from International Experience*. The World Bank. Washington, DC. May 1998.

"Major Lessons from International Experience." (with J. Nellis). in H. G. Broadman. ed. *Case-by-Case Privatization in the Russian Federation*. The World Bank. Washington, DC. May 1998.

"The Coincidence of Material Incentives and Moral Hazard: Labor Compensation and Enterprise Performance in China." (with G. Xiao). *Harvard Institute for International Development*. Development Discussion Paper No. 606. October, 1997; Reprinted in Chinese in *Social Sciences Frontier*, No. 4, 1998: 1-4.

China's Management of Enterprise Assets: The State as Shareholder. (with S. Claessens et al). World Bank Country Study. Washington, DC. August 1997.

"Labor Flexibility, Ownership and Firm Performance in China," (with J. Lane and I.J. Singh). *The Review of Industrial Organization*. Volume 13, 621-635. December 1997.

"From Enterprise Reform to Development in Mongolia," in *Mongolia: Policies for Faster Growth*. The World Bank, Washington, DC. August 1997.

Policy Options for Reform of Chinese State Owned Enterprises. ed. The World Bank. Washington, DC. June 1996.

Reform of State Owned Enterprises. (with E. Cardoso et al). The World Bank. Washington, DC. June 1996.

"Debt Restructuring Policy for China's State Owned Enterprises." The World Bank. Policy Note. Washington, DC. December 1995.

Meeting the Challenge of Chinese Enterprise Reform. The World Bank. Washington, DC. April 1995.

D. Public Economics

"Navigating the Risks and the Opportunities in Emerging Markets". *The View*. PricewaterhouseCoopers. New York. 2012

"Policy and Corruption: Back to the Roots." *The Journal of Policy Reform*. 2002. (with F. Recanatini)

"Seeds of Corruption. Do Market Institutions Matter?" *Economics of Planning (MOCT-MOST)*, Vol. 4, December 2001. (with F. Recanatini).

"Tax Policy Toward Foreign Direct Investment in China." The World Bank, Washington, DC. August 1995.

"The American Economy: Responding to Challenges." in *The 1992 Economic Report of the President*. Executive Office of the President. Washington, DC: U.S. GPO. February 1992. (with C. Mann).

"Foundations for Economic Growth." in *The 1991 Economic Report of the President*. Executive Office of the President. Washington, DC: U.S. GPO. February 1991. (with R. Schmalensee et. al.).

E. Natural Resources Economics

"Taxing the Hidden Costs of Imported Oil." in W. W. Hogan and B. Mossavar-Rahmani, *Energy Security Revisited*. Cambridge, MA: Harvard University Energy and Environmental Policy Center. 1987. (with W. W. Hogan).

"Trials and Tribulations of Third World Petroleum Development: Lessons and Advice for Prospective Producers." *Natural Resources Forum*. Vol. 9, No. 3. 1987. Also published in K.Khan, ed. *Petroleum Resources and Development*. London, U.K.: Belhaven Press. 1987. (with E. J. Wilson).

"Non-Price Provisions in Long-Term Natural Gas Contracts." *Land Economics*. Vol. 62, No. 2. May 1986. (with M. Toman).

"The Social Cost of Imported Oil." *Energy Policy*. June 1986.

"The Future Role of Regulation in Downstream Natural Gas Markets." *Economists' Perspectives on Antitrust Today: Competition and Antitrust in Deregulated Industries*. Boston: Charles River Associates. 1986.

"Oil Tariff Policy in an Uncertain Market." Harvard University Energy and Environmental Policy Center. Cambridge, MA: Harvard University. November 1986. (with W. W. Hogan).

"Oil Exploration in Developing Countries." *Energy Policy*. Vol. 13, No. 4. August 1985.

"Elements of Market Power in the Natural Gas Industry and the Role of Private Carriage." *Pricing Electric, Gas, & Telecommunication Services*. Washington, DC: Institute for the Study of Regulation. 1984.

"Determinants of Oil Exploration and Development in Non-OPEC Developing Countries." *Resources for the Future*. Washington, DC. October 1983.

"Social Costs of Natural Gas Market Rigidities." *Resources for the Future*. Washington, DC. July 1983. (with J.Darmstadter and W. D. Montgomery).

"No Single Solution: An Analysis of Policy Responses to Gas Market Rigidities." *Resources for the Future*. Washington, DC. June 1983. (with W. D. Montgomery).

"Supply-Side Energy Security: Enhancing Third World Oil Production." *Resources*. Spring 1982.

"Is the Oil Import Fee Sound Energy Policy?" *Challenge*. September/October 1982. (with D. R. Bohi and W. D. Montgomery).

"Review and Analysis of Oil Import Premium Estimates." *Resources for the Future*. Washington, DC. 1981.

II. BOOK REVIEWS

"Selling China: Foreign Direct Investment During the Reform Era by *Yasheng Huang*". *Finance and Development*. December 2003.

"*Weak State, Strong Networks: The Institutional Dynamics of Foreign Direct Investment in China* by Hongying Wang." *The Journal of Asian Studies*. October 2002

"*Foreign Direct Investment in Developing Countries: The Case of Latin America* by the Institute for European Latin American Relations." *Transnational Corporations*. April 1997. (with R. Newfarmer).

"*Taxation of Mineral Rents* by R. Garnaut and A. Clunies Ross." *Journal of Economic Literature*. Vol. XXIII, No. 4. December 1985.

"*The Natural Gas Industry: Evolution, Structure, and Economics* by A. R. Tussing and C. C. Barlow," *Energy Journal*. Vol. 6, No. 2. April 1985.

"*Natural Gas Trade in North America and Asia* by J. P. Stern and *Political Risk in the International Oil and Gas Industry* by H. Lax." *Energy Policy*. Vol. 14, No. 2. April 1986.

"*Transnational Oil* by Z. Mikdashi." *Natural Resources Forum*. Vol. 8, No. 2. 1987.

III. CONGRESSIONAL TESTIMONY

"U.S. Oil Import Policy." Testimony before the Subcommittee on Environment, Energy, and Natural Resources. U.S. House of Representatives. April 1982. (with D. Bohi and W. D. Montgomery).

IV. WORLD BANK: SELECTED MAJOR LENDING AND OPERATIONAL WORK

ADJUSTMENT AND INVESTMENT LOANS

Russian Structural Adjustment Loan III (\$1.5 billion); approved by Board August 1998

Russian Structural Adjustment Loan II (\$800 million); approved by Board December 1997

Russian Structural Adjustment Loan I (\$600 million); approved by Board June 1997

China: Wuhan/Huangshi Enterprise Reform Loan (\$200 million); operation completed

China: Commercialization of Agricultural Bank of China Loan (\$200 million); operation completed

Mongolia Banking & Enterprise Restructuring Adjustment Credit (\$38 million); approved by Board April 1997

China Chongqing Industrial Reform and Pollution Control Loan (\$170 million); approved by Board June 1996

China: Shenyang Industrial Reform Loan (\$175 million); approved by Board August 1994

Moldova Structural Adjustment Credit (\$30 million); approved by Board June 2002

Croatia Structural Adjustment Loan (\$202 million); approved by Board December 2001

V. U.S. SENATE: SELECTED LEGISLATIVE WORK AND COMMITTEE HEARINGS

LEGISLATION

Key or Principal Drafter of:

Omnibus Trade and Competitiveness Act of 1988. Public Law 100-418. August 1988.

US-Canada Free Trade Agreement Implementing Law. Public Law 100-449. September 1988.

Trade & Technology Promotion Act of 1989. 101st Congress. Senate Bill S.1978. November 1989.

Negotiated Rulemaking Act of 1989. 101st Congress. Senate Bill S.303. January 1989.

Small Governments Regulatory Act of 1989. 101st Congress. Senate Bill S.1758. October 1989.

Alternative Motor Fuels Act of 1988. Public Law 100-494. October 1988.

Establishment of the National Economic Commission. Part of the Omnibus Budget Reconciliation Act of 1988. Public Law 100-203. December 1987.

SENATE COMMITTEE HEARINGS

Principal Organizer of:

The U.S.- Canada Free Trade Agreement. Hearings before the Senate Committee on Governmental Affairs. May 1988. U.S. GPO: Senate Hearing 100-855.

Trade and Technology Promotion Act. Hearings before the Senate Committee on Governmental Affairs. June 1990. U.S. GPO: Senate Hearing 101-913.

Prospects for Development of a U.S. High Definition Television Industry. Hearings before the Senate Committee on Governmental Affairs. August 1989. U.S. GPO: Senate Hearing 101-226.

U.S. Efforts to Commercialize Superconductivity. Hearings before the Senate Committee on Governmental Affairs. June 1988. U.S. GPO: Senate Hearing 100-1005.

Government's Role in Economic Competitiveness. Hearings before the Senate Committee on Governmental Affairs. For the Omnibus Trade and Competitiveness Act of 1988. March, April, and June 1987. U.S. Government Printing Office (GPO): Senate Hearing 100-317. 2 Vols.

Regulatory Reform Initiatives. Hearings before the Senate Committee on Governmental Affairs. May, September, and October 1988. U.S. GPO: Senate Hearing 100-986.

Reauthorization of OMB's Office of Information and Regulatory Affairs. Hearings before the Senate Committee on Governmental Affairs. February 1990. U.S. GPO: Senate Hearing 101-588.

Critical Issues and Problems Facing the New Administration and Congress. Hearings before the Senate Committee on Governmental Affairs. January 1989. U.S. GPO: Senate Hearing 101-37.

Budget Reform Proposals. Joint Hearings before the Senate Committee on Governmental Affairs and the Senate Committee on the Budget. October 1989. U.S. GPO: Senate Hearing 101-560.

Confirmation Hearings for Richard Darman to be Director of OMB. Hearings before the Senate Committee on Governmental Affairs. January 1989. U.S. GPO: Senate Hearing 101-46.