2016 STEINBERG HALL-DIETRICH HALL 3620 LOCUST WALK THE WHARTON SCHOOL UNIVERSITY OF PENNSYLVANIA PHILADELPHIA, PENNSYLVANIA 19104-6370

PHONE (215) 746-3132 E-MAIL <u>ANNH@WHARTON.UPENN.EDU</u>

ANN ELIZABETH HARRISON

APPOINTMENTS

William H. Wurster Professor of Multinational Management (from January 2016), The Wharton School, University of Pennsylvania. Professor of Multinational Management (from January 2012).

Professor of Business Economics and Public Policy (from July 2015), The Wharton School, University of Pennsylvania.

Research Fellow, The Center for Economic and Policy Research, 2017-.

Research Associate (International Trade and Investment, Environmental and Energy Economics), National Bureau of Economic Research, 2001-.

Director of Development Policy, The World Bank, 2010-2011. Previously, Trade Team Manager, 2009.

Professor of Agricultural and Resource Economics, University of California, Berkeley, 2001-2011 (On leave 2009-2011).

Visiting Professor, CREST (Paris, France) 2007-2008.

Visiting Professor, University of Paris, 2001, 2007-2008.

Associate Professor of Finance and Economics, Columbia Business School, 1998 – 2001. Assistant Professor of Finance and Economics, 1994 –1998.

Faculty Research Fellow, National Bureau of Economic Research, 1994-2001.

Visiting Faculty, Kennedy School of Government, Harvard University, 1991–1992.

Economist, Young Professionals Program, The World Bank, 1989-1994.

Health Economist, Kaiser Foundation Health Plan, Medical Economics and Statistics, 1982-1984.

EDUCATION

Ph.D., Princeton University, Economics, 1991.

B.A., University of California Berkeley, Double Major in Economics and History, 1982.

University of Paris, Diplome d'Etudes Universitaires Generales (DEUG), 1981.

Dual Citizen: USA and France.

GRANTS, FELLOWSHIPS, AND AWARDS

Regents Scholar, UC Berkeley

Phi Beta Kappa, UC Berkeley

Highest Distinction in General Scholarship, UC Berkeley

Princeton University Fellowship, 1983-1988

Princeton University Teaching Award, 1987

Sloan Foundation Fellowship, 1987

World Bank Research Grants, 1993-1995, 2010-2012

Chazen Institute Research Grants, 1995-96, 1998

Eugene Lang Junior Faculty Research Fellowship, 1999

Giannini Foundation Grants, 2001-2004

UC Berkeley Committee on Research Grants, 2001, 2004, 2005, 2006, 2008

National Science Foundation Grants, 2004-2007, 2009-2013

China Research and Engagement Fund, University of Pennsylvania, 2016-2018

Sun Yefang Prize (Best Economic Research on China), 2017

PUBLICATIONS IN JOURNALS

"Are There Positive Spillovers from Direct Foreign Investment? Evidence from Panel Data for Morocco", Mona Haddad and Ann Harrison, *Journal of Development Economics*, October 1993, volume 42, pages 51-74.

"Productivity, Imperfect Competition, and Trade Reform: Theory and Evidence," Ann Harrison, *Journal of International Economics*, February 1994, Volume 36, Issues 1-2, pages 53-73.

"An Empirical Test of the Infant Industry Argument: Comment," Ann Harrison, *American Economic Review*, Volume 84, Issue 4, September 1994, pages 1090-1095.

"Multinationals in Economic Development: The Benefits of FDI," Ann Harrison, *Columbia Journal of World Business* (now the *Journal of World Business*), Winter 1994.

- "Openness and Growth: A Time Series, Cross-Country Analysis for Developing Countries", Ann Harrison, *Journal of Development Economics*, 1996, No. 48: pages 419-447.
- "Wages and Foreign Ownership: A Comparative Study of Mexico, Venezuela, and the United States," Brian Aitken, Ann Harrison, and Robert Lipsey, *Journal of International Economics*, May 1996, Vol 40, Nos. 3/4, pages 345-371.
- "Spillovers, Foreign Investment, and Export Behavior," Brian Aitken, Gordon Hanson, and Ann Harrison, *Journal of International Economics*, 1997, 43: pages 103-132.
- "Labor Markets in Developing Countries: An Agenda for Research," Ann Harrison and Edward Leamer, *Journal of Labor Economics*, 1997, Vol 15, No. 3.
- "Sharing the Costs: the Impact of Trade Reform on Capital and Labor in Morocco," Janet Currie and Ann Harrison, *Journal of Labor Economics*, 1997, Vol 15, No. 3.
- "Trade Liberalization and Wage Inequality in Mexico," Gordon Hanson and Ann Harrison, *Industrial and Labor Relations Review*, 1999, No. 52, No. 2, pages 271-88.
- "Who Gains from Trade Reform? Some Remaining Puzzles," Ann Harrison and Gordon Hanson, *Journal of Development Economics*, 1999, No. 59: 125-154.
- "Do Domestic Firms Benefit from Direct Foreign Investment? Evidence from Venezuela," Brian Aitken and Ann Harrison, June 1999, *American Economic Review*, 89:3, pages 605-618.
- "The World Bank: Structure and Policies: Christopher L. Gilbert and David Vines," Ann Harrison, *Journal of International Economics*, Volume 57, Issue 1, June 2002, Pages 253-256.
- "Moving to Greener Pastures? Multinationals and the Pollution Haven Hypothesis," Gunnar Eskeland and Ann Harrison, February 2003, *Journal of Development Economics*, Volume 70, Issue 1, pages 1-23.
- "Does Foreign Direct Investment Affect Domestic Firm Credit Constraints?", Ann Harrison and Margaret McMillan, October 2003, *Journal of International Economics*, Volume 61, Issue 1, Pages 73-100.
- "Global Capital Flows and Financing Constraints," Ann Harrison, Inessa Love, and Margaret McMillan, 2004, *Journal of Development Economics*, Volume 75, pages 269-301.
- "Ownership versus Environment: Disentangling the Sources of Public Sector Inefficiency," Ann Bartel and Ann Harrison, *The Review of Economics and Statistics*, February 2005, 87(1): pages 135-147.
- "Improving the Conditions of Workers? Minimum Wage Legislation and Anti-Sweatshop Activism," Ann Harrison and Jason Scorse, *California Management Review*, Winter 2006, Vol. 48, No. 2, pages 144-160. Reprinted as a Harvard Business School case.

- "Dispelling Some Myths about Offshoring," Ann Harrison and Margaret McMillan, *Academy of Management Perspectives*, November 2006, Volume 20, Number 4, ps 6-22.
- "US Multinational Activity Abroad and US Jobs: Substitutes or Complements?," Ann Harrison, Margaret McMillan and Clair Null, *Industrial Relations*, Volume 46, Number 2, 2007, pages 347-365.
- "Outlining a Research Agenda on the Links between Globalization and Poverty," Ann Harrison and Margaret McMillan, *Journal of Economic Inequality*, Volume 5, Number 1, April 2007, pages 123-134.
- "Multinationals and Anti-sweatshop Activism," Ann Harrison and Jason Scorse, *The American Economic Review*, March 2010, 100(1): 247-73.
- "Offshoring Jobs? Multinationals and U.S. Manufacturing Employment," Ann Harrison and Margaret McMillan, *The Review of Economics and Statistics*, MIT Press, vol. 93(3), pages 857-875, 2011.
- "Recent Perspectives on Trade and Inequality", Ann Harrison, John McLaren and Margaret McMillan, *Annual Review of Economics*, Volume 3: 261-289, 2011.
- "Learning from Developing Country Experience: Growth and Economic Thought Before and After the 2008-2009 Crisis", Ann Harrison and Claudia Sepulveda, *Comparative Economic Studies*, Palgrave Macmillan, vol. 53(3), pages 431-453, September 2011.
- "Testing for Horizontal and Vertical Foreign Investment Spillovers in China, 1998-2007", Luosha Du, Ann Harrison and Gary Jefferson, *Journal of Asian Economics*, Volume 23, Issue 3, pages 234-243, June 2012.
- "Learning versus Stealing: How Important are Market-Share Reallocations to India's Productivity Growth?", Ann Harrison, Leslie Martin, and Shanthi Nataraj, *World Bank Economic Review*, 27(2), pages 202-229, 2013.
- "Estimating the Impact of Trade and Offshoring on American Workers Using the Current Population Surveys", Avraham Ebenstein, Ann Harrison, Margaret McMillan and Shannon Phillips, *The Review of Economics and Statistics*, 96(4), 581-595, 2014.
- "Explaining Africa's (Dis) advantage", Ann Harrison, Justin Yifu Lin, and L. Colin Xu, *World Development*, volume 63, pages 59-77, 2014.
- "FDI Spillovers and Industrial Policy: The Role of Tariffs and Tax Holidays", Luosha Du, Ann Harrison, and Gary Jefferson, volume. 64, pages 366-383, *World Development*, 2014.
- "Industrial Policy and Competition", Philippe Aghion, Jing Cai, Mathias Dewatripont, Luosha Du, Ann Harrison, and Patrick Legros, *American Economic Journal: Macroeconomics*, October 2015.
- "Review of Trade and Poverty: When the Third World Fell Behind, by Jeffrey Williamson," Ann Harrison, *Journal of Economic History*, 2015.

"In with the big, out with the small: Removing small-scale reservations in India", Leslie A. Martin, Shanthi Nataraj, and Ann E. Harrison, *The American Economic Review*, 107.2, page 354-386, February 2017.

"Green Industrial Policy in Emerging Markets", Ann Harrison, Leslie A. Martin, and Shanthi Nataraj, *Annual Review of Resource Economics*, Vol. 9, November 2017.

OTHER ARTICLES

"Are There Dynamic Externalities from Direct Foreign Investment? Evidence for Morocco," Mona Haddad and Ann Harrison, in Claudio Frischtak and Richard Newfarmer, editors, *Multinationals: Market Structure, Firm Conduct, and Industrial Performance*, MacMillan, 1994.

"Import Protection for U.S. Textiles and Apparel: Viewed from the Domestic Perspective," J. Michael Finger and Ann Harrison, in *The Political Economy of Trade Protection*, NBER volume edited by Anne O. Krueger, The University of Chicago Press, 1996.

"The MFA Paradox: More Protection and More Trade?" J. Michael Finger and Ann Harrison, in *The Political Economy of American Trade Policy*, NBER volume edited by Anne O. Krueger, The University of Chicago Press, 1996.

"Determinants and Effects of Direct Foreign Investment in Cote d'Ivoire, Morocco, and Venezuela," Ann Harrison, in M. Roberts, and J. Tybout, editors, *Industrial Evolution in Developing Countries*, Oxford University Press, 1996.

"Labor Markets, Foreign Investment and Trade Policy Reform," Ann Harrison and Ana Revenga, in *Trade Policy Reform: Lessons and Implications*, John Nash and Wendy Takacs, editors, World Bank, Washington, D.C., 1998.

"Multinational Firms: Reconciling Theory and Evidence: Comment," Ann Harrison, in *Topics in Empirical International Economics: A FESTSCHRIFT in Honor of Robert E. Lipsey*, Magnus Blomström and Linda S. Goldberg, editors, The University of Chicago Press, 2001.

"The Adoption of International Labor Standards Conventions: Who, When, and Why?: Comments and Discussion on Chau and Kanbur", Ann Harrison, *Brookings Trade Forum 2001*, Washington, D.C.: Brookings.

"Globalization's Impact on Compliance with Labor Standards," Ann Harrison and Jason Scorse, in *Brookings Trade Forum 2003*, edited by Susan Collins and Dani Rodrik, Brookings Institution Press 2004, Washington, D.C.

"Impact of Globalization: Comments and Discussion," Ann Harrison, in *Brookings Trade Forum 2004*, edited by Susan Collins, The Brookings Institution: Washington, D.C.

"Liberalization of Trade: Why so Much Controversy?," Ann Harrison and Helena Tang, in *Economic Growth in the 1990s: Learning from a Decade of Reform*, edited by N. Roberto Zagha, World Bank, Washington, D.C., April 2005.

"Trade Liberalization and Wage Inequality in Mexico," Gordon Hanson and Ann Harrison, reprinted in *The WTO and Poverty and Inequality*, edited by L. Alan Winters, Edward Elgar Publishing, UK, 2007.

"Globalization and Poverty: What is the Evidence?" Emma Aisbett, Ann Harrison and Alix Peterson Zwane, in *Trade, Globalization, and Poverty*, edited by Elias Dinopoulos, Pravin Krishna, Arvind Panagariya, and Kar-yiu Wong, Oxon, U.K: Routledge, December 2007.

"Do Foreign-Owned Firms Pay More? Evidence from the Indonesian Manufacturing Sector," Ann Harrison and Jason Scorse, in *Labour Markets and Development*, edited by Ravi Kanbur and Jan Svejnar, Routledge, 2009.

"Outlining a Research Agenda on the Links between Globalization and Poverty," Ann Harrison and Margaret McMillan, reprinted in *Equity and Growth in a Globalizing World*, Ravi Kanbur and Michael Spence, The World Bank, 2010.

"Trade, Foreign Investment, and Industrial Policy for Developing Countries," Ann Harrison and Andres Rodriguez-Clare, in *Handbook of Development Economics*, Volume 5, edited by Dani Rodrik and Mark Rosenzweig, North Holland, pp. 4039-4214, 2010.

"An Anatomy of Trade in the 2008-09 Crisis", Mona Haddad, Ann Harrison and Catherine Hausman, in *Managing Openness*, edited by Mona Haddad, 2011.

Review of "Industrial Policy and Development: The Political Economy of Capabilities Accumulation" by Mario Cimoli, Giovanni Dosi, and Joseph E. Stiglitz, Ann Harrison, *Journal of Economic Literature*, 2012.

Comments on "Growth and the Quality of Foreign Investment", Ann Harrison, in *The Industrial Policy Revolution*, edited by Joseph Stiglitz and Justin Lin, Palgrave Macmillan, New York, 2013.

"Trade and Industrial Policy: China in the 1990s to Today", in *The Oxford Companion to the Economics of China*, edited by Shenggen Fan, Ravi Kanbur, Shang-Jin Wei and Xiaobo Zhang, Oxford University Press Oxford, 2014.

"The Changing Landscape for International Trade", Ann Harrison, in *Jackson Hole Symposium*, Kansas City, KS: Federal Reserve Bank of Kansas City, Forthcoming.

Globalization and Poverty, edited by Ann Harrison, The University of Chicago Press, Chicago (661 pages), 2007.

Annual World Bank Conference on Development Economics 2011: Development Challenges in a Postcrisis World, edited by Claudia Sepulveda, Ann Harrison, and Justin Yifu Lin, The World Bank, Washington, D.C. (397 pages), 2013.

The Factory-Free Economy: Outsourcing, Servitization and the Future of Industry, edited by Lionel Fontagne and Ann Harrison, Oxford University Press, (360 pages), 2017.

WORKING PAPERS AND WORK IN PROGRESS

"The Value-Added Tax Reform Puzzle", Jing Cai and Ann Harrison, *NBER Working Paper 17532*, under revision for *Industrial and Labor Relations Review*, 2016.

"Patterns of Trade and Tax Interventions and Firm Performance in China", under revision for *Economic Development and Cultural Change*, Ann Harrison, Justin Yifu Lin, and Jing Cai, 2016.

"When do Firms Go Green? Comparing Price Incentives with Command and Control Regulations in India", Ann Harrison, Benjamin Hyman, Leslie Martin, and Shanthi Nataraj, 2016.

"Decomposing the Great Trade Collapse: Products, Prices, and Quantities in the 2008-2009 Crisis", Mona Haddad, Ann Harrison, and Catherine Hausman, *NBER Working Paper 16253*, 2010.

PROFESSIONAL AFFILIATIONS AND EDITORSHIPS

Vice President and President-Elect, International Atlantic Economic Society, 2016-

Member, Committee on Development Policy, United Nations, 2013-

Expert Group Member, The E15 Initiative, 2014-

Graduate School Leadership Council, Princeton University, 2011-2017

Green Growth Knowledge Platform Advisory Committee, World Bank, 2011-

Editorial Board, Journal of Economic Literature (Current)

Editorial Board, Journal of Asian Economics (Current)

Editorial Board, World Bank Research Observer (Current)

Affiliate, International Growth Centre, London (Current)

Board Member, Association of Princeton Graduate Alumni (2010-2013)

Member, Knowledge Advisory Commission, World Bank (Previous)

Editorial Board, World Bank Economic Review (2010-2011)

Board Member, Global Development Network, New Delhi (Previous)

Board Member, Economic Research Forum (Previous)

Steering Committee, Institute on Global Conflict and Cooperation, University of California (Previous)

Committee Z on the Economic Status of the Profession, American Association of University Professors (Previous)

National Science Foundation Economics Panel (Previous)

Associate Editor, Journal of International Economics (Previous)

REVIEWER FOR

American Economic Review, British Journal of Industrial Relations, Canadian Journal of Economics, Econometrica, Economic Development and Cultural Change, Economic Journal, International Economic Review, Journal of Asian Economics, Journal of Development Economics, Journal of Development Studies, Journal of Economic Growth, Journal of Economic Integration, Journal of Economic Literature, Journal of Industrial Economics, Journal of Labor Economics, Journal of Monetary Economics, Journal of Policy Reform, Labour Economics, Journal of Political Economy, National Science Foundation, Quarterly Journal of Economics, Journal of International Economics, Review of Economics and Statistics, International Journal of Industrial Organization, World Development, World Bank Research Grants, World Bank Economic Review, World Bank Research Observer.

SEMINARS GIVEN

Boston University (2), Brandeis, The Brookings Institution, Cercle des Economistes in Aix en Provence (2), Copenhagen Business School, Council on Foreign Relations, DELTA (Paris), University of Paris, Dauphine (2), Duke, Federal Reserve Bank of New York City (2), The Graduate School of the City University of New York (2), The University of Michigan (3), Centro de Estudios Publicos (Santiago, Chile), Fondazione Eni Enrico Mattei (Milan, Italy), Harvard University, Harvard Business School (2), INSEAD (Paris), Ohio State University, Pennsylvania State University, Princeton University (3), New York University (6), The Ford Foundation, Rutgers, Fletcher School of Law and Diplomacy, Tufts, University of California, Berkeley (5), University of California, Davis (2),

University of California Santa Cruz (2), University of California, Los Angeles, University of California, San Diego (2), University of Chicago, University of the Philippines (Manila, Philippines), University of Pennsylvania, Wharton (2), University of Southern California (2), Columbia University (4), National Bureau of Economic Research (6), American Economic Association Annual Meetings (15), Stanford University (2), Yale University (3), World Bank (10), International Monetary Fund, Asian Development Bank (2), University of Paris (4), CEPII (Paris), NCAER (New Delhi), Public Policy Institute of California, New School for Social Research (New York), American University in Paris, London School of Economics, Peking University (2), Santa Fe Institute, Kiel Institute for the World Economy.

RECENT OR FORTHCOMING SPEAKING INVITATIONS

Stanford University, 2018

The World Bank, 2018

The Federal Reserve Board of Governors, 2018

German Development Institute, Bonn, 2018

Oxford University, 2018

American Economic Association Meetings, 2018

International Monetary Fund, 2017

Massachusetts Institute of Technology, 2017

Jackson Hole Kansas City Federal Reserve Conference, August 2017

Cercle des Economistes, Aix-en-Provence, July 2017

NBER-Peking University 20th Anniversary Conference, June 2017

Penn-Wharton China Center Conference, June 2017

Princeton University Nassau Hall Society Speaker, Scotland, June 2017

University of Toronto, May 2017

CUNY Panel on Inequality with Autor, Krugman, Delong, April 2017

Keynote Speaker, Asian Development Bank Conference, January 2017

INTERNET ARTICLES

"New Evidence on international trade, offshoring, and US wages", Avraham Ebenstein, Ann Harrison, Margaret McMillan, and Shannon Phillips, *VOXEU*, August 31, 2009.

"From hard to soft industrial policies in developing countries", Ann Harrison and Andres-Rodriguez-Clare, *VOXEU*, June 27, 2010.

"Price versus quantities in the great trade collapse: New evidence", Mona Haddad, Ann Harrison and Catherine Hausman, *VOXEU*, August 27, 2010.

"Learning versus stealing: how important are market-share allocations to India's productivity growth?", Ann Harrison, Leslie Martin and Shanthi Nataraj, *VOXEU*, March 22, 2011.

"Offshoring, International Trade, and American Workers", Ann Harrison and Margaret McMillan, NBER Reporter 2011 Number 4, *National Bureau of Economic Research*, December 2011.

"Why Fracking Won't Bring Back the Factories (yet)", Ann Harrison, Chad Bown, and Michele de Nevers, Wharton Public Policy Initiative, *Issue Brief 1:5*, 2013.

"How did de-reservation of small-scale industry affect employment?", Ann Harrison, Leslie Martin and Shanthi Nataraj, Ideas for India, December 5, 2017.

"The changing economy: Going factory-free", Ann Harrison and Lionel Fontagne, VoxDev, March 5, 2018.

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