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**CURRICULUM VITA
JAMES R. TYBOUT**

Addresses

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Personal Data

Date of Birth: November 13, 1953
Citizenship: United States
Marital Status: Married, two children

Degrees

B. A., Mathematics and Economics, Vanderbilt University, 1975
M. S., Economics, University of Wisconsin, 1976
Ph.D., Economics, University of Wisconsin, 1980

Fields of Concentration

International Trade, Applied Microeconomics, Economic Development,

Professional Affiliations

Academic

Professor of Economics, Pennsylvania State University (1999-present).
Professor of Economics, Georgetown University (1992-1999).
Associate Professor, Georgetown University (1986-1992).
Assistant Professor, Georgetown University (1980-1986).

The World Bank

Visiting economist, Country Economics Department (1987-1988, 1990).
Visiting economist, Development Research Department (1984-1985).

Other

Research Associate, National Bureau of Economic Research (2001-present).
Research Fellow, National Bureau of Economic Research (2000-2001).

Professional Affiliations, continued

Other

External Fellow, Leverhulme Centre for Research on Globalisation and Economic Policy (2005-present)

Visiting Researcher, Centro de Estudios sobre Desarrollo Economico, Universidad de los Andes, Colombia (1979).

Editorial and Advisory Appointments

Economics Advisory Panel, National Science Foundation, fall 2009-present

Associate Editor, *Review of Economics and Statistics* (2003-present)

Co-Editor, *Journal of International Economics* (2002-2005)

Associate Editor, *Journal of International Economics* (1997-99, 2001-2002, 2005-present).

Associate Editor, *Revista de Analisis Economico* (1992-present).

Member of Editorial Board, *Journal Policy Reform* (1996-present).

Project Grants

"Search and Learning in Export Markets," with Jonathan Eaton, funded by the National Science Foundation, Grant SES-0922358 (2009-2012)

"Openness, Industrial Evolution and Job Flows," with Nezih Guner and Hale Utar, funded by the National Science Foundation, Grant SES-0617888 (2006-09)

"Deep Integration and The Adjustment Process in Mexico," with Beata Javorcik and Wolfgang Keller, funded by the World Bank Research Administration Department (2006-07).

"International Trade and Industrial Evolution: An Empirical Framework for Policy Analysis," funded by the National Science Foundation, Grant SES 0095574 (2001-05).

"Micro Foundations of International Technology Diffusion," funded by the World Bank Research Administration Department (1999-2001).

"Micro-foundations of Successful Export Promotion," funded by The World Bank Research Administration Department (1994-95).

"Follow-up Research and Summary Volume on Industrial Competition, Productive Efficiency and their Relation to Trade Regimes," funded by The World Bank Research Administration Department (1992-93).

"Industrial Competition, Productive Efficiency, and their Relation to Trade Regimes," funded by the World Bank Research Administration Department (1988-91).

Consulting Experience

World Bank

Part-time consultant for: Development Economics Department (1981); Development Research Department (1982, 1983, and 1985); Industry Department (1986); Country

Economics Department Trade Policy Division (1988-94) and Public Economics Division (1991-92); International Economics Department, International Trade Division (1994-97), Private Sector Development (1995-96), Africa Technical Department, Private Sector (1996),

Development Economics Department, Research Group (1997-2007); Economic Development Institute, 1998, World Bank Institute (1999-2001).

Other

Mexican Government, Secretaria de Comercio y Fomento Industrial (1991-92).

International Food Policy Research Institute (1991).

Inter-American Development Bank (2008)

Teaching Experience

Economic Development (undergraduate and graduate)

Econometrics (undergraduate)

International Trade (undergraduate and graduate)

Economic Statistics (undergraduate)

Honors Micro Theory (undergraduate)

Microeconomic Principles (undergraduate)

Macroeconomic Principles (undergraduate)

Awards and Honors

Best Graduate Professor, Dept. of Economics, Georgetown U., 1997

Phi Kappa Phi, University of Wisconsin, 1979

Vilas Academic Fellowship, University of Wisconsin, 1978-79

B. A. magna cum laude

Languages

English (native)

Spanish (reading)

Journal Articles

“Firm-Level Productivity Studies: Illusions and a Solution,” with Hijime Katayama and Shihua Lu. *International Journal of Industrial Organization* 27(3) (May 2009), pp. 403-413.

“Deep Integration and Industrial Response: The Case of Mexican Soaps and Detergents,” with Javorcik, Beata and Wolfgang Keller. *World Economy* 31(12) (December 2008), pp. 1525-1557.

“Market Entry Costs, Producer Heterogeneity and Export Dynamics,” with Mita Das and Mark Roberts, *Econometrica* 75(3) (2007), pp. 837-873.

Journal Articles, continued

"A Firms-eye View of Commercial Policy Reforms in Cameroon," with Bernard Gauthier and Isidro Soloaga, *World Bank Economic Review* 16(3) (2002), pp. 449-472.

"Manufacturing Firms in Developing Countries: How Well Do They Do, and Why?" *Journal of Economic Literature* 38(1) (March 2000), pp. 11-44.

"Is Learning-by-Exporting Important? Micro-dynamic Evidence from Colombia, Mexico and Morocco," with Sofronis Clerides and Saul Lach, *Quarterly Journal of Economics* (August 1998), pp. 903-947.

"The Decision to Export in Colombia: An Empirical Model of Entry with Sunk Costs," with Mark Roberts, *American Economic Review* 87(4) (September 1997), pp. 545-563.

"Firm-level Responses to the CFA Devaluation in Cameroon," with Bernard Gauthier, Giorgio Barba Navaretti and Jaime de Melo, *Journal of African Economies* 6 (February 1997), pp. 3-34.

"Producer Turnover and Productivity Growth in Developing Countries," with Mark Roberts, *World Bank Research Observer* 12 (February 1997), pp. 1-18.

"Trade Liberalization and Dimensions of Efficiency Change in Mexican Manufacturing Industries," with M. Daniel Westbrook, *Journal of International Economics* 39 (August 1995), pp. 53-78.

"The Scope for Fuel Substitution in Manufacturing Industries: A Case Study of Chile and Colombia," with Diana Moss, *World Bank Economic Review* 8 (January 1994) pp. 49-74.

"Returns to Scale as a Source of Comparative Advantage," *American Economic Review: Papers and Proceedings* 83 (May 1993) pp. 440-444.

"Estimating Returns to Scale with Large Imperfect Panels: An Application to Chilean Manufacturing Industries," with M. Daniel Westbrook, *World Bank Economic Review* 7 (January 1993) pp. 85-112.

"Making Noisy Data Sing: Estimating Production Technologies in Developing Countries," *Journal of Econometrics* 53 (July-September 1992) pp. 25-44.

"Linking Trade and Productivity: New Research Directions," *World Bank Economic Review* 6 (May 1992), pp. 198-211.

"The Effects of Trade Policy on Scale and Technical Efficiency: New Evidence from Chile," with Jaime de Melo and Vittorio Corbo, *Journal of International Economics* 31 (November 1991), pp. 231-250.

"Industrial Bankruptcy Determinants In Argentina," with Eric Swanson, *Studies in Banking and Finance (supplement to the Journal of Banking and Finance)*, (1988), pp. 1-27.

Journal Articles, continued

"Macro Shocks and Industrial Portfolio Responses: An Econometric Model for LDCs," with Taeho Bark, *Review of Economics and Statistics* (November 1988), pp. 559-568.

"The Algebra of Inflation Accounting," *International Economic Journal* (Summer 1988), pp. 83-100.

"A Firm-Level Chronicle of Financial Crises in the Southern Cone," *Journal of Development Economics*, (December 1986), pp. 371-400.

"What Went Wrong with Recent Reforms in the Southern Cone," with Vittorio Corbo and Jaime de Melo, *Economic Development and Cultural Change*, (April 1986), pp. 561-588.

"The Effects of Financial Liberalization on Saving and Investment in Uruguay," with Jaime de Melo, *Economic Development and Cultural Change*, (April 1986), pp. 607-640.

"Liberalization with Stabilization in the Southern Cone of Latin America: Introduction to Part II of the Symposium," *World Development*, (August 1985), pp. 941-48. (Spanish version appeared as "Financial Adjustments during Recent Reform Attempts: Introduction to the Symposium" in *Cuadernos de Economia*, April 1985, 3-12).

"Microeconomic Adjustments in Argentina during 1976-81: The Importance of Changing Levels of Financial Subsidies," with Humberto Petrei, *World Development*, (August 1985), pp. 949-68. (Spanish version appeared as "Argentina 1976-1981: La Importancia de Variar los Niveles de Subsidios Financieros" in *Cuadernos de Economia*, April 1985, 13-36.)

"Microeconomic Adjustments in Chile during 1977-81: The Importance of Being a Grupo," with Julio Galves, *World Development*, (August 1985) 969-994. (Spanish version appeared as "Chile 1977-1981: Impacto sobre las Empresas Chilenas de Algunas Reformas Economicas e Intentos de Estabilizacion" in *Cuadernos de Economia*, April 1985, 37-72).

"Microeconomic Adjustments in Uruguay during 1973-81: The Interplay of Real and Financial Shocks," with Jaime de Melo and Ricardo Pascale, *World Development*, (August 1985), pp. 995-1015. (Spanish version appeared as "Uruguay 1973-1981: Interrelacion entre Shocks Financieros y Reales" in *Cuadernos de Economia*, April 1985, 73-92).

"Interest Controls and Credit Allocation in Developing Countries," *Journal of Money, Credit and Banking*, (November 1984), pp. 474-487.

"Credit Rationing and Investment Behavior in a Developing Country," *Review of Economics and Statistics*, (November 1983), pp. 598-607.

"A Firm-Level Analysis of Credit Rationing in Colombia" (in Spanish), *Desarrollo y Sociedad*, (July 1981), pp. 274-295.

Books and Monographs

What Makes Exports Boom? with Mark Roberts, Directions in Development Monograph Series, The World Bank, Washington, D.C., 1997.

Industrial Evolution in Developing Countries: Micro Patterns of Turnover, Productivity and Market Structure. Co-edited with Mark Roberts, New York: Oxford University Press, 1996.

Book Chapters

"The Margins of Entry into Export Markets: Evidence from Colombia," with Jonathan Eaton, Marcela Eslava and Maurice Kugler, in Elhanan Helpman, Dalia Marin and Thiery Verdier, eds., *The Organization of Firms in a Global Economy*, Cambridge, MA: Harvard University Press, 2008.

"Product Quality, Productive Efficiency, and International Technology Diffusion: Evidence from Plant-level Panel Data," with Aart Kraay and Isidro Soloaga, in Bernard Hoekman and Beata Smarzynska Javorcik, eds., *Global Integration and Technology Transfer*. New York: Palgrave-Macmillan, 2006.

"Plant- and Firm-Level Evidence on 'New' Trade Theories," in E. Kwan Choi and James Harrigan, eds., *Handbook of International Economics*, Oxford: Basil-Blackwell, 2003. Reprinted in Bernard Hoekman and Beata Smarzynska Javorcik, eds., *Global Integration and Technology Transfer*. New York: Palgrave-Macmillan, 2006.

"Trade Policy and Industrial Sector Responses in the Developing World: Interpreting the Evidence," with Erkan Erdem, in S. Collins and D. Rodrik, eds., *Brookings Trade Forum 2003*. Washington, D.C.: The Brookings Institution, 2004.

"Es la promoción de industrias de alta tecnología un motor para el desarrollo?" with Julie Hunt, in *Competitividad de las Exportaciones en Colombia*, Bogota: Tercer Mundo, 2000.

"Industrial Heterogeneity and Performance: A Preview," with Mark Roberts, in Mark Roberts and James Tybout, eds., 1996, *op cit*.

"Heterogeneity and Productivity Growth: Assessing the Evidence" in Mark Roberts and James Tybout, eds., 1996, *op cit*.

"Productivity Growth in Colombia and Chile: Panel-based Evidence on the role of Entry, Exit and Learning," with Lili Liu, in Mark Roberts and James Tybout, eds., 1996, *op cit*.

"The Scope for Efficiency Gains from Scale Economy Exploitation: Evidence from Panel Data," with M. Daniel Westbrook, in Mark Roberts and James Tybout, eds., 1996, *op cit*.

"Turnover and Mark-ups: A Preview of the Country Studies," with Mark Roberts, in Mark Roberts and James Tybout, eds., 1996, *op cit*.

"The Chilean Liberalization and its Aftermath, 1979-86," in Mark Roberts and James Tybout, eds., 1996, *op cit*.

Book Chapters, continued

"Adjustment Lending and Industrial Sector Performance," in A. Chibber, M. Dailami, J. de Melo, and V. Thomas (eds.) *Economies in Distress: Structural Adjustment and the World Bank*, New York: Oxford University Press for the World Bank, 1991.

"Size Rationalization and Trade Exposure in Developing Countries, " with Mark Roberts, in R. Baldwin (ed.) *Empirical Studies of Commercial Policy*, Chicago: U. Chicago Press for the NBER, 1991.

Book Reviews and Published Comments

"Comment on: 'The Impact of Trade on Plant Scale, Production Run Length and Diversification,'" in Timothy Dunne and Mark Roberts, eds., *Producer Dynamics: New Evidence from Micro Data*, U. Chicago Press, 2009.

"Comment on 'Trade Costs, Firms and Productivity' by Andrew Bernard, J. Bradford Jensen and Peter Schott," *Journal of Monetary Economics* 53(5) (July 2006).

Comment on "North American Integration and Factor Price Equalization: Is There Evidence of Wage Convergence between Mexico and the United States?" by Ana Revenga and Claudio Montenegro, in Susan Collins, ed., *Imports, Exports and the American Worker*. Washington, D.C.: The Brookings Institution Press, 1998.

"Review of *Competitiveness, Convergence, and International Specialization*, by David Dollar and Edward Wolff," *Journal of International Economics* 37 (November 1994) pp. 265-268.

"Review of *Efficiency in U.S. Manufacturing Industries*, by Richard Caves and David Barton," *Journal of Economic Literature* 30 (March 1992) pp. 185-187.

Recent Working Papers

"Credit Rationing, Macro Volatility and Industrial Evolution in Developing Countries," with Eric Bond and Hale Utar. NBER Working Paper 14116, 2008.

"Firm Dynamics, Job Turnover and Wage Distributions in an Open Economy," with Nezhir Guner and Kerem Cosar.

"A Search and Learning Model of Export Dynamics," with Jonathan Eaton, Marcela Eslava, Maurice Kugler and C.J. Krizan.

"The WalMart Invasion and Industrial Responses in Mexico," with Beata Javorcik, Leonardo Iacovone, and Wolfgang Keller.

Seminars Recently Presented

Universidad de los Andes (2010), Harvard U. (2010), Michigan State University (2010), Princeton U., (2009), University of Nottingham (2009), London School of Economics (2009), Paris School of Economics (2009), Columbia U. (2008), Cornell U. (2008), U. Western

Ontario (2008), U. North Carolina (2008), Paris School of Economics (2008), Carnegie-Mellon (2007), The World Bank (2007), Queens University (2007), U. Wisconsin-Madison (2007), U. Texas (2007), Georgetown U. (2006), U. Virginia (2006), U. Michigan (2006), U. Toronto (2006), Purdue U. (2006), Philadelphia Federal Reserve (2006), Yale U. (2005), New York U. (2005), International Monetary Fund (2004), U. California Berkeley (2004), New York U. (2004), Syracuse U. (2004), Harvard Business School (2004), U. Indiana (2004), Harvard U. (2003), U. Michigan (2003), World Bank (2003), Ohio State U. (2002), U. Toulouse (2002), U. Maryland (2002), Delta/Ensaë/Crest (Paris, 2002), U. Toronto (2001), U. Wisconsin-Madison (2000)

Recent Conference Participation

Australasian Trade Conference, Australian National University, Canberra, March 2010 (keynote speaker).

American Economic Association, Annual Meetings, Atlanta, GA, January 2010 (discussant and paper).

Midwest International Economics Association, Fall 2009 meetings, Penn State University (paper and session chair)

EUI-IMT workshop on Trade, Firm Dynamics and Growth, Institute for Advanced Studies, Lucca, Italy, June 2009 (invited paper).

Centre for Economic Policy Research, Workshop in International Trade, Madrid, Spain, June 2009 (paper).

Milton Friedman Institute, University of Chicago, Finance and Development Conference, Chicago, May 2009 (invited paper)

National Bureau of Economic Research, Productivity Group, Spring Meetings, Cambridge, MA, March 2009 (paper)

Einaudi Institute for Economics and Finance, Comparative Analysis of Enterprise Data: Industry Dynamics, Firm Performance, and Worker Outcomes, Rome, Italy April 2009 (invited paper)

American Economic Association, Annual Meetings, San Francisco, CA, January 2009 (discussant and paper).

International Trade Workshop, Federal Reserve Bank of Philadelphia, November 2008 (invited paper).

Comparative Analysis of Enterprise Data, Budapest, Hungary, May 2008 (discussant and session chair).

Elliott School of International Affairs, George Washington University, Conference on Firm Heterogeneity and Trade/Investment Outcomes, April 2008 (invited speaker).

Allied Social Science Association meetings, January 2008, New Orleans, (discussant, American Economic Association session).

Recent Conference Participation, continued

CESifo Conference on Aggregate Shocks in Heterogeneous Firm Models, Venice, Italy, July 2008 (invited keynote lecture).

Latin America and Caribbean Economic Association, Bogota, Colombia, October 2007 (invited plenary speaker).

University of Michigan, workshop on “Firms in the Global Economy,” Ann Arbor, MI, September 2007 (invited paper).

Allied Social Science Association meetings, January 2007 (discussant, American Economic Association session; discussant, Econometric Society session; discussant International Economics and Finance Society session).

Centre for Economic Policy Research, Trade, Industrialization and Development Conference, Paris, France, October 2006 (paper).

Santa Cruz Center for International Economics, Annual Conference, Santa Cruz, CA, October 2006 (invited paper).

National Bureau of Economic Research, Summer Institute, International Trade and Investment Sessions, Cambridge, MA, July 2006.

Nottingham University Workshop on Frontiers in International Trade, Nottingham, England, May 2006 (invited paper).

World Bank Conference on the Microeconomics of Growth, Washington, D.C., May 2006 (roundtable commentator).

Carnegie-Rochester Conference on Public Policy, “International Trade and Globalization,” Pittsburgh, PA, November 2005. (discussant).

National Bureau of Economic Research, Summer Institute, Productivity Sessions, Cambridge, MA, July 2005. (paper).

Universidad de los Andes, “Job Reallocation, Productivity Dynamics, and Trade Liberalization,” Bogota, Colombia, July 2005 (keynote speaker)

Nordic International Trade Seminar, Helsinki, Finland, May 2005 (invited speaker)

Sussex University Conference on “The impact of trade liberalisation on firm-level structural adjustment and poverty,” Brighton, England, March 2005 (invited paper).

National Bureau of Economic Research/Conference for Research on Income and Wealth, Bethesda, MD, April 2005 (discussant).

Econometric Society, Philadelphia, PA, January 2005 (session chair)

Recent Conference Participation, continued

CEPR Summer School on The Microeconomic Effects of Trade and Trade Policy: The Perspective of Developing Countries, Gargnano, Italy, September 2004 (invited lectures).

National Bureau of Economic Research, Summer Institute, Productivity sessions, Cambridge, MA, July 2004. (discussant).

National Bureau of Economic Research, Productivity sessions, Cambridge, MA, December 2003. (discussant).

World Bank Workshop on Investment Climate, Berlin, September 2003 (invited presentation).

National Bureau of Economic Research, Summer Institute, International Trade and Investment sessions, Cambridge, MA, July 2003. (paper).

Econometric Society, North American Summer Meetings, June 2003 (invited paper, roundtable panelist, discussant).

Brookings Institution, Brookings Trade Forum, Washington D.C., May 2003 (invited paper).

Amos Tuck School of Business, Dartmouth College, Summer Workshop on Firms and Trade, Hanover, NH, August 2002 (invited paper).

European Research Workshop in International Trade , CEPR/Universität München, June 2002 (paper).

American Economic Association Meetings, Atlanta GA, January 2002 (discussant).

Fall meetings of the Midwest International Economics Group, State College, PA October 2001 (paper).

Amos Tuck School of Business, Dartmouth College, Summer Workshop on Firms and Trade, Hanover, NH, August 2001 (discussant).

National Bureau of Economic Research, Summer Institute, Productivity sessions, Cambridge, MA, July 2001. (paper).

Annual Bank Conference on Development Economics, The World Bank, Washington, D.C., April 2001 (invited paper).

National Bureau of Economic Research, International Trade and Investment, Winter Meetings, Cambridge, MA, March 2001. (paper).

Econometric Society Meetings, New Orleans, 2001 (session chair and paper).

American Economic Association, New Orleans, 2001 (session chair and paper).

Refereeing

American Economic Review, Econometrica, Quarterly Journal of Economics, Review of Economic Studies, Economic Journal, European Economic Review, Economic Development and Cultural Change, Journal of African Economies, Journal of Development Economics, Journal of Development Studies, Journal of Econometrics, Journal of International Economics, Oxford Economic Papers, Review of International Economics, World Development, World Bank Economic Review, National Science Foundation, Research Council of Canada.