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**CURRICULUM VITA  
JAMES R. TYBOUT**

***Addresses***

Work: Department of Economics  
Pennsylvania State University  
517 Kern Graduate Building  
University Park, PA 16802  
phone: (814) 865-4259

Home: 117 Saraway  
Port Matilda, PA 16870  
phone: (814) 861-5402

***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***

Economic Development, Trade Policy, Applied Econometrics

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

## ***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-present); 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).

## ***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

## ***Journal Articles***

"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.

*Journal Articles, continued*

"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.

"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.

*Journal Articles, continued*

"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**

"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.

"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.

"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.*

"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 "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***

"Industrial Evolution in Crisis-Prone Economies," with Eric Bond and Hale Utar, in progress.

"Import Competition and Industrial Evolution: A Computational Experiment," with Shihua Lu, in progress.

"Why Plant-level Productivity Studies are Often Misleading and an Alternative Approach to Inference," with Hajime Katayama and Shihua Lu, NBER Working Paper 9617, March 2003.

"Product Quality, Productive Efficiency, and International Technology Diffusion: Evidence from Plant-level Panel Data," with Aart Kraay and Isidro Soloaga. World Bank Working Paper No. 2759, January 2002.

"Market Entry Costs, Producer Heterogeneity and Export Dynamics," with Mita Das and Mark Roberts, NBER Working Paper No. 8629, September 2001. Revised September, 2004.

### ***Recent Conference Participation***

Econometric Society, Philadelphia, January 2005 (session chair)

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

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).

***Recent Conference Participation, continued***

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).

Middle East Technical University, METU Conference in Economics, Ankara, Turkey (invited paper), September 2000

Taipei International Conference on Industrial Economics, Academia Sinica, Taipei, Taiwan (invited paper, discussant, and session chair), June 2000.

Cowles Foundation Conference on Strategy and Decision Making, Yale University, New Haven, CT (paper), May 2000.

### ***Recent Conference Participation, continued***

Conference on Opportunities in Africa, St. Catherine's College, Oxford University, Oxford, UK. (invited paper and session chair), April 2000

National Bureau of Economic Research, Productivity Workshop, Cambridge MA (discussant), December 1999.

Southeast Theory and International Conference, Georgetown University, Washington, D.C. (paper), November, 1999.

Harvard Business School Workshop on Emerging Markets, Cambridge MA (invited attendee), August 1999.

"Políticas Comerciales y Desarrollo Industrial" (invited paper), Bogota, Colombia, June 1999.

Summer Meetings of the Econometric Society (invited paper), Madison, Wisconsin, June 1999.

### ***Seminars Presented in past 5 years at:***

International Monetary Fund (2004), U.C. 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/Ensa/Crest (Paris, 2002), U. Toronto (2001), U. Wisconsin-Madison (2000)

### ***Project Grants***

"International Trade and Industrial Evolution: An Empirical Framework for Policy Analysis," funded by the National Science Foundation (2001-04).

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

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

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

"Industrial Competition, Productive Efficiency, and their Relation to Trade Regimes," 2-year project funded by the World Bank (1988-91).

### ***Other Professional Activities***

Co-Editor, *Journal of International Economics* (2002-present)  
Associate Editor, *Review of Economics and Statistics* (2003-present)  
Associate Editor, *Journal of International Economics* (1997-99 and 2001-2002).  
Associate Editor, *Revista de Analisis Economico* (1992-present).  
Member of Editorial Board, *Journal Policy Reform* (1996-present).

Referee for *American Economic Review*, *Econometrica*, *Quarterly Journal of Economics*, *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.