

July, 2025

**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  
e-mail: jtybout@psu.edu

Home: 117 Sara Way  
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***

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).

**Other**

Research Associate, National Bureau of Economic Research (2001-present).  
Research Fellow, National Bureau of Economic Research (2000-2001).  
Research Network Fellow, CESifo (2008-present)  
External Fellow, Leverhulme Centre for Research on Globalisation and Economic Policy  
(2005-present)  
Research Affiliate, International Growth Centre (2010-present)

### ***Visiting positions***

Visiting Researcher, Central Bank of Mexico, Mexico D.F., Mexico (2018)  
Visitor, CEMFI, Madrid, Spain (2017)  
Visiting Researcher, Copenhagen Business School, Copenhagen, Denmark (2016)  
Visiting Researcher, Catholic University of Leuven, Leuven, Belgium (2016)  
Visiting Lecturer, Paris School of Economics (2009)  
Visiting Researcher, CESifo, Munich, Germany (2008)  
Visiting economist, The World Bank, Country Economics Department (1987-1988, 1990).  
Visiting economist, The World Bank, Development Research Department (1984-1985).  
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-spring 2011  
Associate Editor, *Review of Economics and Statistics* (2003-2012)  
Co-Editor, *Journal of International Economics* (2002-2005)  
Associate Editor, *Journal of International Economics* (1997-99, 2001-2002, 2005-2009).  
Associate Editor, *Revista de Analysis Economico* (1992-2009).  
Member of Editorial Board, *Journal Policy Reform* (1996-2006).

### ***Project Grants***

“International Buyer-Seller Matches,” with Jonathan Eaton and Daniel Xu, funded by the National Science Foundation Grant SES-1426645 (2014-2017)

“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***

International Trade (graduate and undergraduate)  
Economic Development (graduate and undergraduate)  
Empirical Methods (graduate)  
Econometrics (undergraduate)  
Economic Statistics (undergraduate)  
Honors Micro Theory (undergraduate)  
Honors Thesis Course (undergraduate)  
Industrialization and Development (undergraduate)  
Microeconomic Principles (undergraduate)  
Macroeconomic Principles (undergraduate)

### ***Awards and Honors***

Honorary Doctorate, Copenhagen Business School, 2022  
Outstanding Undergraduate Instructor Award, Dept. of Economics, Penn State, 2014  
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**

“A Search and Learning Model of Export Dynamics,” with Jonathan Eaton, Marcela Eslava, David Jinkins, and C.J. Krizan. *Journal of International Economics*, forthcoming.

“Search and Learning in Export Markets: Evidence from Interviews with Colombian Exporters,” with Juan Camilo Domínguez, Jonathan Eaton, and Marcela Eslava. *Review of International Economics*, August 2023

“Firm Dynamics, Job Turnover and Wage Distributions in an Open Economy,” with Nezih Guner and Kerem Cosar, *American Economic Review* 106(3) (March 2016), pp. 625-63

“Credit Rationing, Macro Volatility, and Industrial Evolution in Developing Countries,” with Eric Bond and Hale Utar, *International Economic Review* 56(3) (August 2015), pp. 695-722.

“The WalMart Invasion and Industrial Responses in Mexico,” with Beata Javorcik, Leonardo Iacovone, and Wolfgang Keller, *Journal of International Economics* 95(1) (January 2015), pp. 1-15.

“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.

“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.

***Journal Articles, continued***

"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.

"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 Economía*, April 1985, 3-12).

### ***Journal Articles, continued***

"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***

"Firm-level Export Dynamics: A Brief Survey," forthcoming in Devashish Mitra and Priyaranjan Jha, eds., Elgar Encyclopedia, title TBA.

"Openness and Export Dynamics: New Research Directions," in Guido Porto and Bernard Hoekman, eds., *Trade Adjustment Costs in Developing Countries: Impacts, Determinants and Policy Responses*. Washington, D.C.: The World Bank, 2010

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

### ***Book Chapters, continued***

“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.*

“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***

“The Missing Middle: Correspondence.” *Journal of Economic Perspectives* 28(4) (fall 2014), pp. 235-36.

### ***Book Reviews and Published Comments, continued***

“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***

“Two-Sided Search in International Markets,” with Jonathan Eaton, David Jinkins, and Daniel Xu. NBER Working Paper 29684. Revised and resubmitted to *Journal of Political Economy*, 2025.

“Retail Globalization, Households’ Diets and the Effectiveness of Sin-Food Taxes,” with Emilio Gutierrez, Beata Javorick, Wolfgang Keller, Faqiang Li, Ricardo Miranda, and Kensuke Teshima, 2025.

“Automation, Globalization, and the Job Ladder,” with Nezih Guner and Alessandro Ruggieri. Preliminary version: 2022

“The Price of Globalization,” with Nezih Guner and Alessandro Ruggieri. Preliminary version: 2019

“Born to Export Firms,” with Bernardo Diaz Astarloa, Jonathan Eaton, Kala Krishna, Bee Aw Roberts, and Andres Rodriguez-Clare. Latest version 2016.

### ***Seminars Presented Since 2010***

Hong Kong University, 2024, New York University (2022), MIT-Harvard (2019), Yale (2019), Central Bank of Mexico (2018), Georgia Tech (2017), Hong Kong U. (2017), Hong Kong U. of Science and Technology (2017), CEMFI (2017), KOF Swiss Economic Institute (2017), Georgetown U. (2016), U. Colorado-Boulder (2016), U. Colorado-Denver (2016), U. Michigan (2016), Columbia U. (2016), U. Warwick (2016), London School of Economics (2016), Royal Holloway, University of London (2016), U. Oslo (2016), U. Copenhagen (2016), Copenhagen Business School (2016), Lund University (2016), Aarhus U. (2016),

### ***Seminars Presented Since 2010, continued***

UCLA (2015), Rochester U. (2014), Duke U. (2013), National Bank of Belgium (2013), The World Bank (2013), U. Maryland (2013), Johns Hopkins SAIS (2013), Yale (2012), Universitat Autònoma de Barcelona (2012), Princeton U. (2012), U. British Columbia (2011), Vanderbilt U. (2010), Stanford U. (2010), U.C. Santa Cruz (2010), Boston U. (2010), Yale (2010), Universidad de los Andes (2010), Harvard U. (2010), Michigan State University (2010)

### ***Conference Participation Since 2010***

Econometric Society Winter Meetings (ASSA), Econometric Society, San Antonio, Texas, January 2024 (session chair and discussant).

CEPR European Research Workshop on International Trade, Lucca, Italy, June 2022 (paper).

Congreso Anual de la Red Investigadores de Economía, Central Bank of Colombia, Bogota/Zoom, "Automation, Offshoring, and the Job Ladder," October, 2021 (Keynote address.).

LACEA LAMES Annual Meetings 2021, Econometric Society, Bogota/Zoom, "Automation, Offshoring, and the Job Ladder," October 2021 (paper).

Trade Dynamics Workshop, Board of Governors, Federal Reserve System, Washington, D.C./Zoom, "Training, Offshoring, and the Job Ladder," March 2020 (Keynote Address).

NBER Summer Institute, International Trade and Investment sessions, July 2019 (discussant)

U. Penn-Philadelphia Fed Workshop on Macroeconomics and Economic Policy, April 2018 (discussant)

Society for Economic Dynamics, Annual Meetings, Mexico City, Mexico, June 2018 (paper)

St. Louis Fed. Reserve, Macro-Trade Conference, April 2018 (invited paper)

Royal Economic Society, Annual Meetings, Brighton, England, March 2018 (invited paper)

Firms in Emerging Economics (IESR), Jinan U.. China, June 2017 (invited paper)

American Economic Association, Annual Meetings, San Francisco, CA, January, 2016 (discussant).

European Central Bank conference "Enhancing competitiveness and fostering sustainable growth," Frankfurt, Germany, June 2015 (invited presentation).

Cowles Foundation summer Conference: "New Perspectives in Macroeconomics, Development and International Trade," Yale U., June 2015 (discussant).

American Economic Association, Annual Meetings, Boston, MA, January, 2015 (paper).

Stanford Center for International Development and International Growth Centre Conference on Trade, Productivity and Development, Stanford, CA, November, 2014 (invited paper)

***Conference Participation Since 2010, continued***

Federal Reserve Bank of Philadelphia, International Trade Workshop, Philadelphia, November, 2014 (discussant).

National Bureau of Economic Research, Summer Institute, International Trade and Investment Sessions, Cambridge, MA, July 2014 (discussant)

National Bureau of Economic Research, Summer Institute, Productivity and Development Sessions, Cambridge, MA, July 2014 (discussant)

IES Summer Trade Workshop, Princeton University, June 2014 (discussant)

Research Data Center Conference, Penn State, April 2014 (discussant)

The World Bank, Conference on Exporters in the Middle East and North Africa, December, 2013 (keynote speaker).

IES Summer Trade Workshop, Princeton University, June 2013 (discussant)

IES Summer Trade Workshop, Princeton University, June 2012 (discussant)

IEFS China annual conference, Tianjin, China, June 2012, June (keynote speaker)

National Bureau of Economic Research, Summer Institute, International Trade and Investment Sessions, Cambridge, MA, July 2012 (discussant)

National Bureau of Economic Research, Summer Institute, Economic Fluctuations and Growth Sessions, Cambridge, MA, July 2012 (discussant)

“Trade and Development Conference in Honor of Jaime de Melo,” Lusanne, Switzerland, November 2012 (invited paper)

American Economic Association session, January 2012 (discussant).

American Economic Association session, “International Trade and Trade Policy: In Memory of Robert E. Baldwin,” 2012 (invited paper).

National Bureau of Economic Research, International Trade and Investment Program Meetings, San Francisco, 2010 (paper)

American Economic Association Meetings, Denver, 2011 (paper).

Federal Reserve Bank of Philadelphia and University of Pennsylvania, Workshop on Macroeconomics, Philadelphia, 2011 (invited paper)

International Growth Centre Trade Research Network, Spring Meeting, State College, 2011 (keynote speaker)

Universitat Tuebingen Conference on the Worker-Specific Effects of Globalization, 2011 (invited paper)

University of Pittsburgh Conference on “Productivity at the Firm Level,” 2011 (invited paper)

**Refereeing Since 2010**

*American Economic Review, American Economic Journal: Micro, Econometrica, Journal of Political Economy, Quarterly Journal of Economics, Review of Economic Studies, RAND Journal, Review of Economics and Statistics, International Economic Review, 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, World Trade Review, Journal of the European Economic Association, B.E. Journal of Economic Analysis, National Science Foundation, European Research Council, European Commission, Research Council of Canada.*