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Education

- **Ph.D.**, Economics, The University of Michigan, December 2000
- **M.A.**, Economics, The University of Michigan, May 1997
- **M.S.B.A.**, Operations Research, University of Maryland School of Business and Management, Dec. 1992
- **B.A.**, Mathematics, Haverford College (with honors), May 1989

Positions Held

- David A. Wells Professor of Political Economy, Department of Economics, Harvard University, Since 2011
- Professor, Department of Economics, Harvard University, Since July 2009
- Professor of Economics and International Affairs, Department of Economics and Woodrow Wilson School, Princeton University, 2007-2009
- Associate Professor of Economics and International Affairs, Department of Economics and Woodrow Wilson School, Princeton University, 2006 – 2007
- Peter B. Kenen Visiting Fellow, Princeton University, 2005 – 2006
- John and Ruth Hazel Associate Professor of the Social Sciences, July 2005 – June 2006
- Associate Professor, Department of Economics, Harvard University, July 2004 – June 2005
- Assistant Professor, Department of Economics, Harvard University, July 2000 – June 2004
- Research Fellow, Kiel Institute for the World Economy, since 2012
- Research Fellow, CESifo, since 2007
- Research Fellow, Center for Economic Policy Research, since 2002
- Research Associate, National Bureau of Economic Research, since 2000

Publications and Forthcoming Papers

- “The Impact of Trade on Intra-Industry Reallocations and Aggregate Industry Productivity”, *Econometrica*, Vol. 71, November 2003, pp. 1695-1725.
- “Export Versus FDI with Heterogeneous Firms” (joint with Elhanan Helpman and Stephen Yeaple), *American Economic Review*, Vol. 94, March 2004, pp. 300-316.
- “When and How Should Infant Industries Be Protected?”, *Journal of International Economics*, Vol. 66, May 2005, pp. 177-196.
- “International Trade and Macroeconomic Dynamics with Heterogeneous Firms” (joint with Fabio Ghironi), *Quarterly Journal of Economics*, Vol. 120, August 2005, pp. 865-915.
- “Trade Flow Dynamics with Heterogeneous Firms” (joint with Fabio Ghironi), *American Economic Review P&P*, Vol. 97, May 2007, pp.356-361.

- “Market Size, Trade, and Productivity” (joint with Gianmarco Ottaviano), *Review of Economic Studies*, Vol 75, January 2008, pp.295-316.
- “Estimating Trade Flows: Trading Partners and Trading Volumes” (joint with Elhanan Helpman and Yona Rubinstein), *Quarterly Journal of Economics*, Vol. 123, May 2008, pp.441-487.
- “Monetary Policy and Business Cycles with Endogenous Entry and Product Variety” (joint with Florin Bilbiie and Fabio Ghironi), *NBER Macroeconomics Annual 2007*, Vol. 22.
- “International Trade and Heterogeneous Firms”, *New Palgrave Dictionary of Economics*, 2nd Edition.
- “The Dynamics of Firm-Level Adjustment to Trade Liberalization” (joint with James Costantini), forthcoming in Helpman, E., D. Marin, and T. Verdier, *The Organization of Firms in a Global Economy*, Harvard University Press, 2008
- “A Many-Country, Many-Good Model of Labor Market Rigidities as a Source of Comparative Advantage” (joint with Alejandro Cunat), *Journal of the European Economic Association P&P*, April/May 2010, Vol. 8, pp.434–441.
- “The Gains from Trade when Firms Matter” (joint with Daniel Trefler), *Journal of Economic Perspectives*, Vol. 26, May 2012, pp.91-118.
- “Volatility, Labor Market Flexibility and Comparative Advantage” (joint with Alejandro Cunat), *Journal of the European Economic Association*, Vol. 10, April 2012. pp.225-254.
- “Endogenous Entry, Product Variety, and Business Cycles” (joint with Fabio Ghironi and Florin Bilbiie), *Journal of Political Economy*, Vol. 120, April 2012, pp.304-345.
- “Trade Liberalization and Firm Dynamics” (joint with Ariel Burstein), *Advances in Economics and Econometrics Tenth World Congress. Applied Economics*, Vol. 2, May 2013, pp.283-328.
- “Heterogeneous Firms and Trade” (joint with Stephen J. Redding), *Handbook of international economics*, Vol. 4, 2014, pp.1-54.
- “Market Size, Competition, and the Product Mix of Exporters” (joint with Thierry Mayer and Gianmarco Ottaviano), *American Economic Review*, Vol. 104, 2014, pp.495-536.
- “New Trade Models, New Welfare Implications” (joint with Stephen J. Redding), *American Economic Review*, Vol. 105, 2014, pp.1105-1146.
- “Dynamic Olley-Pakes productivity decomposition with entry and exit” (joint with Sašo Polanec), *The Rand journal of economics*, Vol. 46, 2015, pp.362-375.
- “Competitive effects of trade: theory and measurement”, *Review of World Economics*, Vol. 154, 2018, pp.1-13.
- “Trade Competition and Reallocations in a Small Open Economy.” *World Trade Evolution: Growth, Productivity and Employment*, 2018, pp.60-81.
- “Monopoly Power and Endogenous Product Variety: Distortions and Remedies” (joint with Florin Bilbiie and Fabio Ghironi), *American Economic Journal: Macroeconomics*, Vol. 11, 2019, pp.140-74.

- “Product Mix and Firm Productivity Responses to Trade Competition” (joint with Thierry Mayer and Gianmarco Ottaviano), *The Review of Economics and Statistics*, Vol. 103, 2021, pp.874-891.
- “The Heterogeneous Impact of Market Size on Innovation: Evidence from French Firm-Level Exports” (joint with Phillippe Aghion, Antonin Bergeaud, and Matthieu Lequien), *The Review of Economics and Statistics*, 2022.
- “International Trade and Innovation” (joint with Ufuk Akcigit), *Handbook of International Economics*, Vol. 5, 2022, pp.377-404.
- “European Firm Concentration and Aggregate Productivity” (joint with Tommaso Bighelli, Filippo Mauro, and Matthias Mertens), *Journal of the European Economic Association* Vol. 21, 2023, pp.455-483.
- “Trade and Innovation” (joint with Stephen Redding), *The Economics of Creative Destruction: New Research on Themes from Aghion and Howitt*, Harvard University Press, 2023.
- “The Laffer Curve for Rules of Origin” (joint with Keith Head and Thierry Mayer), *Journal of International Economics*, 150: 10391, 2024.
- “Opposing Firm-Level Responses to the China Shock: Output Competition versus Input Supply” (joint with Philippe Aghion, Antonin Bergeaud, Matthieu Lequien, and Thomas Zuber), *American Economic Journal: Economic Policy* 16, no. 2 (May 2024): 249–69.

Working Papers

- “Exporting Ideas: Knowledge Flows from Expanding Trade in Goods” (joint with Philippe Aghion, Antonin Bergeaud, Timothee Gigout, Matthieu Lequien), mimeo.
- “Aggregate-Demand Amplification of Supply Disruptions: The Entry-Exit Multiplier.” (joint with Florin Bilbiie), mimeo.
- “Industrial policies for multi-stage production: The battle for battery-powered vehicles” (joint with Keith Head, Thierry Mayer, and Chenying Yang), mimeo.

Comments and Policy Writing

- “Trade Policy and Industrial Sector Responses in the Developing World: Interpreting the Evidence” by Erkan Erdem and James Tybout, *Brookings Trade Forum*, Dani Rodrik and Susan Collins, Eds, 2003.
- Aggregate Assessments of the Impact of Foreign Direct Investment on Development, *The Impact of Foreign Direct Investment on Development: New Measures, New Outcomes, New Policy Approaches*, Magnus Blomstrom, Edward Graham, and Theodore Moran, Eds, Institute for International Economics, 2005.
- “Driving Home the Importance of NAFTA” *The EconoFact Network*, January 2017.
- “What Do We Learn from Bilateral Trade Deficits?” (joint with Michael Klein), *The EconoFact Network*, May 2017.

- “The Jones Act and the Cost of Shipping Between U.S. Ports” (joint with Dan Bergstresser), *The EconoFact Network*, October 2017.

Textbook

- International Economics: Theory and Policy (joint with Paul Krugman and Maury Obstfeld). 12th edition, Pearson, 2022.
- Intermediate Microeconomics: A Modern Approach (joint with Hal Varian). 10th edition, Norton, 2024.

Professional Activities

- Panel Member, Scientific Council of the European Research Council, 2010-2011
- Associate Editor, *American Economic Journal: Microeconomics*, 2007-2010
- Foreign Editor, *Review of Economic Studies*, 2007-2010
- Associate Editor, *Journal of International Economics*, 2005-2011
- Associate Editor, *Economic Journal*, 2004-2008
- Program Committee, 9th World Congress of the Econometric Society

Honors, Awards, and Research Grants

- Onassis Prize in International Trade, Onassis Foundation, 2023
- Fellow of the American Academy of Arts and Science, Elected 2017
- Bernard Harms Prize, Kiel Institute for the World Economy, 2016
- Olhin Lecture, Stockholm School of Economics, 2015
- Fellow of the Econometric Society, Elected 2008
- Alfred P. Sloan Research Fellow, 2005-2009
- National Science Foundation Research Grant SES-0417757 (with Fabio Ghironi): “International Trade and Macroeconomic Dynamics with Heterogeneous Firms”, 2004
- Invited Speaker, Review of Economic Studies European Tour, May 2000
- Alfred P. Sloan Foundation Dissertation Fellowship, 1999-2000

Teaching

- Graduate and undergraduate International Trade
- Undergraduate Microeconomics