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CURRENT POSITION

- Harold T. Shapiro*64 Professor in Economics, *Department of Economics* and *Princeton School of Public and International Affairs*, Princeton University
- Director, International Trade and Investment (ITI) Program, *National Bureau of Economic Research (NBER)*
- Co-Director, *Griswold Center for Economic Policy Studies*, Princeton University
- Associate Editor, *Econometrica*
- Associate Editor, *Quarterly Journal of Economics*
- Fellow of the *Econometric Society*
- Faculty Affiliate, *Julis-Rabinowitz Center for Public Policy and Finance*
- Faculty Associate, *Niehaus Center for Globalization and Governance*
- International Research Associate, *CEP*, London School of Economics
- Research Associate, *National Bureau of Economic Research*
- Research Fellow, International Trade Programme, *Centre for Economic Policy Research*

PREVIOUS EMPLOYMENT HISTORY

- Professor of Economics, *Department of Economics* and *Princeton School of Public and International Affairs*, Princeton University, 2010 onwards
- Professor of Economics, *Department of Economics*, LSE, 2008-10
- Professor of Economics, *Yale School of Management*, 2008-9
- Reader in Economics, *Department of Economics*, LSE, 2006-8
- Senior Lecturer in Economics, *Department of Economics*, LSE, 2003-6
- Lecturer in Economics, *Department of Economics*, LSE, 1998-2003
- Junior Research Fellow in Economics, New College, *University of Oxford*, 1997-8
- Research Economist, Monetary Analysis Division, *Bank of England*, 1996-7

EDUCATION

- D. Phil. (PhD) in Economics, *Nuffield College*, University of Oxford, 1994-6
- M. Phil. in Economics, *Nuffield College*, University of Oxford, 1992-4
- First Class Honours Degree in Philosophy, Politics and Economics (PPE), *Magdalen College*, University of Oxford, 1989-92
- Coventry School, *Bablake*, 1982-9

RESEARCH INTERESTS

- International trade and economic geography
- Productivity and economic growth

ACADEMIC AWARDS AND RESEARCH GRANTS

- Sloan Foundation, 'Transportation Infrastructure Procurement and Financing' (Co-Investigator with Cailin Slattery, Principal Investigator Ed Glaeser), 2025-7
- Trione Visiting Professor of Economics, *Stanford University*, 2024-5
- Nicholas J. Nicholas Jr. Fellow, *Griswold Center for Economic Policy Studies*, 2021-2
- Excellence in Refereeing Award 2021, *Review of Economic Studies*
- Best paper prize for "Consumption Access and Agglomeration: Evidence from Smartphone Data" at the AREUE conference, 2021
- NBER-NSF-Department of Transport Grant, Transportation Economics in the 21st Century (with Jim Poterba and Ed Glaeser), 2019
- NBER-Smith-Richardson Foundation Grant, Economic Consequences of Trade, 2018
- Frisch Medal 2018 awarded biennially for the best applied (empirical or theoretical) paper published in *Econometrica* during the previous five years
- Bhagwati Prize 2017 awarded for the best paper published in the *Journal of International Economics* in a two-year window
- NBER-Smith-Richardson Foundation Grant, Trade and Labor Markets (with Gordon Hanson), 2017
- Excellence in Refereeing Award 2017, *American Economic Review*
- Excellence in Refereeing Award 2016, *American Economic Review*
- Wesley Clair Mitchell Visiting Professor, Columbia University, 2016-17
- Excellence in PhD teaching, Graduate Economics Committee, Department of Economics, Princeton University, 2015
- Best PhD adviser award, Graduate Economics Committee, Department of Economics, Princeton University, 2013
- National Science Foundation (NSF) Grant 'Risk and Inequality in a Global Economy' (with Elhanan Helpman and Oleg Itskhoki), 2009
- Master of Arts Privatim, Yale University, 2009
- Kiel Excellence Award in Global Economic Affairs, 2008
- Visiting Associate Professor, Department of Economics, Harvard University, 2007-8
- Peter Kenen Fellowship in International Economics, Princeton University, 2006-7
- Economic and Social Research Council (ESRC) research grant 'Trade Integration', 2006-7, £45,000
- International Collaborator, Deutsche Forschungsgemeinschaft (DFG) research grant 'The Economic Geography of Germany' (with Daniel Sturm and Nikolaus Wolf), 2006-8, €125,000
- Philip Leverhulme Prize Fellowship, 2001-4
- Teaching Prize Awarded with Tenure, London School of Economics, 2003
- Economic and Social Research Council (ESRC) research grant 'Regional Wage Inequality in the UK: Evidence and Explanations', 2002-3, £40,000
- George Webb Medley Prize for best M. Phil. Economics thesis, University of Oxford, 1994
- Bank of England M. Phil. Degree Scholarship, 1992-4
- Demy (Scholar), Magdalen College, University of Oxford, 1990-2

FORTHCOMING AND REVISE AND RESUBMITS

'The Economics of Spatial Mobility: Theory and Evidence Using Smartphone Data' (joint with Yuhei Miyauchi and Kentaro Nakajima), reject and resubmit, *Quarterly Journal of Economics*, and NBER Working Paper, 28497.

'Slavery and the British Industrial Revolution,' (joint with Stephan Heblich and Joachim Voth), revise and resubmit, *Review of Economic Studies*, and NBER Working Paper, 30451.

'Neoclassical Growth in an Interdependent World,' (joint Benny Kleinman, Ernest Liu and Motohiro Yogo), revise and resubmit, *American Economic Review*, and NBER Working Paper, 31951.

'Quantitative Urban Models,' paper commissioned for *Handbook of Regional and Urban Economics*, (edited by Dave Donaldson and Stephen Redding) Volume 6, Elsevier: North-Holland, forthcoming.

Handbook of Regional and Urban Economics (edited with Dave Donaldson), Volume 6, Elsevier: North-Holland, forthcoming.

'Evaluating Transport Improvements in Spatial Equilibrium,' commissioned for the *Advances in Economics and Econometrics*, monograph for the World Congress of the Econometric Society in South Korea in 2025, forthcoming.

MAIN PUBLICATIONS

'When Tariffs Disrupt Global Supply Chains' (joint with Gene Grossman and Elhanan Helpman), *American Economic Review*, 114(4), 988-1029, 2024.

'International Friends and Enemies' (joint with Benny Kleinman and Ernest Liu), *American Economic Journal: Macroeconomics*, 16(4), 350-385, 2024.

'The Linear Algebra of Economic Geography Models' (joint Benny Kleinman and Ernest Liu), accepted for publication, *American Economic Review, Papers and Proceedings*, 114, 328-333, 2024.

'Accounting for Trade Patterns' (joint with David Weinstein), *Journal of International Economics*, 150, 103910, Special Issue in Honor of Robert Feenstra, 2024.

'Globalization and Pandemics' (joint with Pol Antràs and Esteban Rossi-Hansberg), *American Economic Review*, 113(4), 939-981, 2023.

'The Economics of Cities: From Theory to Data,' *Journal of Economic Perspectives*, 37(2), 75-98, 2023.

'Dynamic Spatial General Equilibrium' (joint with Benny Kleinman and Ernest Liu), *Econometrica*, 91(2), 385-424, 2023 (lead article).

'Trade and Innovation' (joint with Marc Melitz), Chapter 6 in (eds) Ufuk Akcigit and John Van Reenen, *The Economics of Creative Destruction: New Research on Themes from Aghion and Howitt*, Harvard University Press: Cambridge MA, 133-174, 2023.

'Trade, Structural Transformation and Development: Evidence from Argentina 1869-1914' (joint with Pablo Fajgelbaum), *Journal of Political Economy*, 130(5), 1249-1318, 2022.

'Trade and Geography,' Chapter 3 in (ed.) Gita Gopinath, Elhanan Helpman and Kenneth Rogoff, *Handbook of International Economics*, Amsterdam: Elsevier-North Holland, 147-217, 2022.

'Suburbanization in the United States 1970-2000,' *Economica*, 100th Anniversary Special Issue, 89, S110-S136, 2022.

'The Making of the Modern Metropolis: Evidence from London' (joint with Daniel Sturm and Stephan Heblich), *Quarterly Journal of Economics*, 135(4), 2059-2133, 2020.

'Measuring Aggregate Price Indexes with Taste Shocks: Theory and Evidence for CES Preferences' (joint with David Weinstein), *Quarterly Journal of Economics*, 135(1), 503-560, 2020.

'Who's Paying for the U.S. Tariffs? A Longer Term Perspective,' (joint with Mary Amiti and David Weinstein), *American Economic Review, Papers and Proceedings*, 110, 541-46, 2020.

‘How Much Does COVID-19 Increase with Mobility? Evidence from New York and Four Other U.S. Cities’ (joint with Edward Glaeser and Caitlin Gorbach), *Journal of Urban Economics: Insights*, 103292, 2020.

‘The Impact of the 2018 Trade War on U.S. Prices and Welfare’ (joint with Mary Amiti and David Weinstein), *Journal of Economic Perspectives*, 33(4), 187-210, 2019.

‘Task Specialization in U.S. Cities from 1880-2000’ (joint with Guy Michaels and Ferdinand Rauch), *Journal of the European Economic Association*, 17(3), 754-798, 2019.

Selected for a virtual issue of the *Journal of the European Economic Association* on political economy, economic history and the impact of social norms on economic outcomes by Paola Giuliano, 2022.

‘Aggregation and the Gravity Equation’ (joint with David Weinstein), *American Economic Review, Papers and Proceedings*, 109, 450-455, 2019.

‘Commuting, Migration and Local Employment Elasticities’ (joint with Ferdinando Monte and Esteban Rossi-Hansberg), *American Economic Review*, 108(12), 3855-3890, 2018.

‘Global Firms’ (joint with Andrew Bernard, Brad Jensen and Peter Schott), *Journal of Economic Literature*, 56(2), 565-619, 2018.

‘Trade and Inequality: From Theory to Estimation’ (joint with Elhanan Helpman, Oleg Itskhoki and Marc Muendler), *Review of Economic Studies*, 84(1), 357-405, 2017.

Reprinted in *Trade Liberalization*, The International Library of Critical Writings in Economics, edited by Romain Wacziarg, Cheltenham: Edward Elgar, 2018.

‘Quantitative Spatial Economics’ (joint with Esteban Rossi-Hansberg), *Annual Review of Economics*, 9, 21-58, 2017.

‘Quantifying the Sources of Firm Heterogeneity’ (joint with Colin Hottman and David Weinstein), *Quarterly Journal of Economics*, 131(3), 1291-1364, 2016.

‘Goods Trade, Factor Mobility and Welfare,’ *Journal of International Economics*, 101, 148-167, 2016.

Awarded the *Bhagwati Prize* 2017.

‘The Economics of Density: Evidence from the Berlin Wall’ (joint with Gabriel Ahlfeldt, Daniel Sturm and Nikolaus Wolf), *Econometrica*, 83(6), 2015, 2127-2189.

Awarded the *Frisch Medal* 2018.

Reprint requested for *The Economics of Agglomeration*, The International Library of Critical Writings in Economics, edited by William C. Strange, Cheltenham: Edward Elgar, forthcoming.

‘New Trade Models, New Welfare Implications’ (joint with Marc Melitz), *American Economic Review*, 105(3), 2015, 1105-1146.

‘Transportation Costs and the Spatial Organization of Economic Activity’ (joint with Matt Turner), *Handbook of Urban and Regional Economics*, in (eds) Gilles Duranton, J. Vernon Henderson and William Strange, *Handbook of Urban and Regional Economics*, Chapter 20, pages 1339-1398, 2015.

‘Missing Gains from Trade?’ (joint with Marc Melitz), *American Economic Review, Papers and Proceedings*, 104(5), 317-21, 2014.

‘Firm Heterogeneity and Trade’ (joint with Marc Melitz), *Handbook of International Economics*, Volume 4, Chapter 1, 1-54, 2014.

‘Trade and Labor Market Outcomes’ (joint with Elhanan Helpman and Oleg Itskhoki), *Advances in Economics and Econometrics*, Tenth World Congress, Volume II, Applied Economics, 459-504, 2013.

‘Sources of Wage Inequality’ (joint with Anders Akerman, Elhanan Helpman, Oleg Itskhoki and Marc Muendler), *American Economic Review*, Papers and Proceedings, 103(3), 214-219, 2013.

‘Testing for Price Equality in the Presence of Unobserved Factor Quality Differences’ (joint with Andrew Bernard and Peter Schott), *American Economic Journal: Microeconomics*, 5(2), 135-163, 2013.

‘Urbanization and Structural Transformation’ (joint with Guy Michaels and Ferdinand Rauch), *Quarterly Journal of Economics*, 127, 535–586, 2012 (lead article).

Reprint requested for *Recent Developments in the Economics of Structural Change*, The International Library of Critical Writings in Economics, edited by Kei-Mu Yi, Cheltenham: Edward Elgar, forthcoming.

‘The Empirics of Firm Heterogeneity and International Trade’ (joint with Andrew Bernard, J. Bradford Jensen and Peter Schott), *Annual Review of Economics*, 4, 283-313, 2012.

‘Multi-product Firms and Trade Liberalization’ (joint with Andrew Bernard and Peter Schott), *Quarterly Journal of Economics*, 126(3), 1271-1318, 2011.

Reprinted in *Trade Liberalization*, The International Library of Critical Writings in Economics, edited by Romain Wacziarg, Cheltenham: Edward Elgar, 2018.

‘Theories of Heterogeneous Firms and Trade,’ *Annual Review of Economics*, 3, 77-105, 2011.

‘History and Industrial Location: Evidence from German Airports’ (joint with Daniel Sturm and Nikolaus Wolf), *Review of Economics and Statistics*, 93(3), 814-831, 2011.

‘Inequality and Unemployment in a Global Economy’ (joint with Elhanan Helpman and Oleg Itskhoki), *Econometrica*, 78(4), 1239–1283, 2010.

Reprinted in *Trade Liberalization*, The International Library of Critical Writings in Economics, edited by Romain Wacziarg, Cheltenham: Edward Elgar, 2018.

Reprinted in *Trade and Inequality*, The International Library of Critical Writings in Economics, edited by Pinelopi Koujianou Goldberg, Cheltenham: Edward Elgar, 2015.

‘Wholesalers and Retailers in U.S. Trade’ (joint with Andrew Bernard, Bradford Jensen and Peter Schott), *American Economic Review*, Papers and Proceedings, 100(2), 408-413, 2010.

‘Intra-Firm Trade and Product Contractibility’ (joint with Andrew Bernard, Bradford Jensen and Peter Schott), *American Economic Review*, Papers and Proceedings, 100(2), 444-448, 2010.

‘Unequal Effects of Trade on Workers with Different Abilities’ (joint with Elhanan Helpman and Oleg Itskhoki), *Journal of the European Economic Association*, Papers and Proceedings, 8(2-3), 421-433, 2010.

‘Multi-product Firms and Product Switching’ (joint with Andrew Bernard and Peter Schott), *American Economic Review*, 100(1), 70-97, 2010.

‘The Margins of U.S. Trade’ (joint with Andrew Bernard, Bradford Jensen and Peter Schott), *American Economic Review*, Papers and Proceedings, 99(2), 487-493, 2009.

‘The Costs of Remoteness: Evidence from German Division and Reunification’ (joint with Daniel Sturm), *American Economic Review*, 98(5), 1766-1797, 2008.

'The Unequal Effects of Liberalization: Evidence from Dismantling the License Raj in India' (joint with Philippe Aghion, Robin Burgess and Fabrizio Zilibotti), *American Economic Review*, 98(4), 1397–1412, 2008.

'Firms in International Trade' (joint with Andrew Bernard, J. Bradford Jensen and Peter Schott), *Journal of Economic Perspectives*, 21(3), 105–130, 2007.

'Comparative Advantage and Heterogeneous Firms' (joint with Andrew Bernard and Peter Schott), *Review of Economic Studies*, 73(1), 31–66, 2007.

Reprinted in *Trade Liberalization*, The International Library of Critical Writings in Economics, edited by Romain Wacziarg, Cheltenham: Edward Elgar, 2018.

'Entry Liberalization and Inequality in Industrial Performance' (joint with Philippe Aghion, Robin Burgess and Fabrizio Zilibotti), *Journal of the European Economic Association*, 3(2-3), 291–302, 2005.

'Technological Convergence, R&D, Trade and Productivity Growth' (joint with Gavin Cameron and James Proudman), *European Economic Review*, 49(3), 775–807, 2005.

'Mapping the Two Faces of R&D: Productivity Growth in a Panel of OECD Industries' (joint with Rachel Griffith and John Van Reenen), *Review of Economics and Statistics*, 86(4), 2004.

'Economic Geography and International Inequality' (joint with Anthony Venables), *Journal of International Economics*, 62(1), 2004, 53–82.

'Foreign Ownership and Productivity: New Evidence from the Service Sector and R&D Lab' (joint with Rachel Griffith and Helen Simpson), *Oxford Review of Economic Policy*, 20(3), 2004, 440–456.

'Distance, Skill Deepening and Development: Will Peripheral Countries Ever Get Rich?' (joint with Peter Schott), *Journal of Development Economics*, 72(2), December, 2003, 515–41.

'R&D and Absorptive Capacity: Theory and Empirical Evidence' (joint with Rachel Griffith and John Van Reenen), *Scandinavian Journal of Economics*, 105(1), 2003, 99–118.

'South-East Asian Export Performance: External Market Access and Internal Supply Capacity' (joint with Anthony Venables), *Journal of Japanese and International Economies*, 2003, 17, 404–31.

'Specialization Dynamics', *Journal of International Economics*, 58(2), 2002, 299–334.

'Path Dependence, Endogenous Innovation and Growth', *International Economic Review*, 43(4), 2002, 1215–48.

'Measuring the Cost-effectiveness of an R&D Tax Credit for the UK' (joint with Rachel Griffith and John Van Reenen), *Fiscal Studies*, 22(3), September, 2001, pages 375–99.

'Evolving Patterns of International Trade' (joint with James Proudman), *Review of International Economics*, 8(3), August, 2000, pages 373–96. Reprinted as Chapter 1 in (eds) E. Kwan Choi and David Greenaway, *Globalization and Labour Markets*, Basil Blackwell: Oxford.

'Dynamic Comparative Advantage and the Welfare Effects of Trade', *Oxford Economic Papers*, 51, January, 1999, 15–39.

'The Low-skill, Low-quality Trap: Strategic Complementarities between Human Capital and R & D', *Economic Journal*, March, 1996, pages 458–70.

BOOKS

Openness and Growth, (eds) James Proudman and Stephen Redding, Bank of England, 1998.

OTHER REFEREED JOURNAL PUBLICATIONS

'The Empirics of New Economic Geography,' *Journal of Regional Science*, 50th Anniversary Special Issue, 50(1), 297-311, 2010.

'Products and Productivity,' (joint with Andrew Bernard and Peter Schott), *Scandinavian Journal of Economics*, Special Issue on Heterogeneous Firms and International Trade, 111(4), 681-709, 2009.

'Technological Catch-up and Geographic Proximity,' (joint with Rachel Griffith and Helen Simpson), *Journal of Regional Science*, 49(4), 689-720, 2009.

'The Uneven Pace of Deindustrialization in the OECD', (joint with Stephen Nickell and Joanna Swaffield), *World Economy*, 31(9), 1154-1184, 2008.

'Relative Wage Variation and Industry Location in the United Kingdom', (joint with Andrew Bernard and Peter Schott), *Oxford Bulletin of Economics and Statistics*, 70(4), 431-59, 2008.

'Industrial Location in Developing Countries', (joint with Uwe Deichmann, Somik V. Lall and Anthony J. Venables), *World Bank Research Observer*, 23(2), 219-246, 2008.

'Factor Endowments and Production in European Regions', (joint with Mercedes Vera-Martin), *Review of World Economics*, 142(1), 2006.

'Spatial Income Inequality' in (ed.) Karolina Ekholm, Industry Location in an Integrated Europe, *Swedish Economic Policy*, 12(1), 2005, 29-55.

'The Economics of Isolation and Distance', (joint with Anthony Venables), *Nordic Journal of Political Economy*, 28(2), 2002, 93-108.

'Integration and Industrial Specialisation in the European Union', (joint with Karen Helene Midelfart-Knarvik, Henry Overman, Stephen Redding, and Anthony Venables), *Revue Economique*, 2001, 53(3), 469-81.

'Growth in UK Manufacturing Between 1970-92', (joint with Gavin Cameron and James Proudman), *Bank of England Quarterly Bulletin*, May, 1998, 145-157.

'The Relationship Between Openness and Growth in the United Kingdom: A Summary of the Bank of England Openness and Growth Project', (joint with James Proudman), *Bank of England Quarterly Bulletin*, November, 1997, 390-405.

CHAPTERS IN BOOKS

'Economic Geography: A Review of the Theoretical and Empirical Literature', Chapter 16 in *The Palgrave Handbook of International Trade*, (eds) Daniel Bernhofen, Rod Falvey, David Greenaway and Udo Kreickemeier, 497-531, 2011.

'The Economics of Isolation and Distance', (joint with Anthony Venables) Chapter 5 in (eds) E. Kisanga and S. J. Danchie, *Commonwealth Small States: Issues and Prospects*, Published by the Commonwealth Secretariat, Commonwealth Parliamentary Association, London, 2007.

'Geography and Export Performance: External Market Access and Internal Supply Capacity' (joint with Anthony Venables), Chapter 3, in (eds) Baldwin, R and Winters, A, *Challenges to Globalization: Analyzing the Economics*, CEPR-NBER conference volume, NBER and Chicago University Press, 2004.

'The Location of European Industry' (joint with Karen-Helene Midelfart, Henry Overman and Anthony Venables), Chapter 5 in (eds) Dierx, A, Ilzkovitz, F and Sekkat, K, *European Integration and the Functioning of Product Markets*, Edward Elgar, 2004.

'The Economic Geography of Trade, Production and Income: A Survey of Empirics' (joint with Henry Overman and Anthony Venables), *Handbook of International Trade*, (eds) E Kwan-Choi and J Harrigan, Basil Blackwell, 2003, 353-87.

'Integration and Specialization in the European Union' (joint with Karen Helene Midelfart-Knarvik, Henry Overman and Anthony Venables), in (eds) Basevi, G, Donato, V and O'Connell, A, *Real Effects of Regional Integration in the European Union and the Mercosur*, 2003, 33-48.

'Productivity Growth in an Open Economy: the Experience of the UK' (joint with Gavin Cameron and James Proudman), in (eds) Barrell, R, Mason, G and O'Mahony, M, *Productivity, Innovation and Economic Performance*, Cambridge University Press, 1999.

OTHER WRITINGS

'Principles of Local Government Grant Allocation', (joint with Michael Ridge), *Economic Review*, April, 1992.

'Globalisation', *Economic Review*, 17(1), September, 1999, 16-9.

Book Review of 'R&D, Education, and Productivity: A Retrospective', by Zvi Griliches, Harvard University Press, *Economic Journal*, 2002, F153-F155.

'Patterns of Growth,' (joint with Stephen Nickell and Joanna Swaffield), *Centrepiece*, 7(3), 2002, 2-9.

'Yawning Gaps' (joint with Anthony Venables), *Centrepiece*, 8(1), 2003, 18-25.

'All is Not Equal' (joint with Andrew Bernard, Peter Schott and Helen Simpson), *Centrepiece*, 8(2), 2003, 2-7.

'Location, Location, Location' (joint with Daniel Sturm), *Centrepiece*, Summer, 2005, 19-23.

Book Review of 'The Monopolistic Competition Revolution in Retrospect', edited by Steven Brakman and Ben Heijdra, Cambridge University Press, *Journal of International Economics*, 65(2), 2005, 531-7.

Book Review of 'The Size of Nations', by Alberto Alesina and Enrico Spolaore, MIT Press, *Journal of Economic Literature*, March, 2005, 161-2.

'Empirical Approaches to International Trade', *New Palgrave Dictionary of Economics*, 2008.

Book Review of 'Entrepreneurship, Geography and American Economic Growth', by Zoltan Acs and Catherine Armington, Cambridge University Press, *Journal of Economic Literature*, 2007, 479-481.

Book Review of 'Measuring the Restrictiveness of International Trade Policy,' by James E. Anderson and J. Peter Neary, MIT Press, *Economica*, 2007, 867-869.

Editor's Introduction, *Scandinavian Journal of Economics*, Special Issue on Heterogeneous Firms and International Trade, 2009.

Book Review of 'The Development and Testing of Heckscher-Ohlin Trade Models', by Robert E. Baldwin, MIT Press, *Economica*, 78, 788–794, 2011.

'What the Berlin Wall can Teach us About Urban Development' (joint with Gabriel Ahlfeldt, Daniel Sturm and Nikolaus Wolf), *Centrepiece*, 2019, 12-13.

'The Making of the Modern Metropolis: Evidence from London' (joint with Stephan Heblich and Daniel Sturm), *Centrepiece*, 2019, 18-21.

'The Impact of the 2018 Trade War on US Prices and Welfare' (joint with Mary Amiti and David Weinstein), *Centrepiece*, 2019, 7-9.

'Globalization and Pandemics: Surprising Interactions' (joint with Pol Antràs and Esteban Rossi-Hansberg), *Centrepiece*, 2020, 19-21.

'Slavery and Britain's Industrial Revolution' (joint with Stephan Heblich and Hans-Joachim Voth), *Centrepiece*, 2023, 7-11.

'International Trade and Investment,' Program Report, *NBER Reporter*, June, 2023.

DISCUSSIONS

Discussion of 'Multinational Profit Shifting and Measures throughout Economic Accounts,' by Jennifer Bruner, Dylan Rassier, and Kim J. Ruhl, CRIW Volume on *The Challenges of Globalization in the Measurement of National Accounts*, University of Chicago Press, 2022, 205-8.

Discussion of 'Concentration in International Markets: Evidence from US Imports' (Alessandra Bonfiglioli, Rosario Crino and Gina Gancia), *Journal of Monetary Economics*, Carnegie-Rochester Conference on Public Policy Special Issue, 2021, 40-41.

Discussion of 'Transport Infrastructure in the United States,' by Gilles Duranton and Matthew A. Turner, in Edward Glaeser and Jim Poterba (eds), *Economics of Infrastructure*, University of Chicago Press, 2021, 210-7.

Discussion of 'Exchange Rate Regimes and the Extensive Margin of Trade', by Paul R. Bergin and Ching-Yi Lin, in Jeffrey Frankel and Christopher Pissarides (eds.), *CEPR-NBER International Seminar on Macroeconomics*, University of Chicago Press, 2008, 238-240.

Discussion of 'Specialisation across Varieties within Products and North-South Competition', by Lionel Fontagné, Guillaume Gaulier, Soledad Zignago, *Economic Policy*, CEPR, 2007.

Discussion of 'Tax and Public Input Competition', by Agnes Benassy-Quere, Nicolas Goyalraja and Alain Trannoy, *Economic Policy*, CEPR, 2007.

KEYNOTES, PLENARY PRESENTATIONS AND INVITED LECTURES

Plenary lecture, European Trade Study Group, 2002.

Invited speaker, Tinbergenweek, Erasmus University, 2003.

Plenary lecture, Empirical Investigations in International Trade (EIIT) Conference, Chicago, 2010.

Departmental Seminar, Department of Economics, Princeton University, 2011.

Journal of Regional Science Special Session, New Looks at Urban Agglomeration, North American Regional Science Conference, Ottawa, 2012.

Trade and Wage Inequality, invited lectures, International Monetary Fund, 2013.

Semi-plenary speaker, North American Econometric Society Meetings, 2014.
 Trade and Wage Inequality, Hermann Otto Hirschfeld lectures, Humboldt University, Berlin, 2014.
 Empirical Investigations in International Trade (EIIT) Conference, Washington DC, 2017.
 European Urban Economics Association Meeting, Duesseldorf, 2018.

PRESENTATIONS

American Economic Association Conference, Bank of England, University of California Berkeley, University of California San Diego, University of California Davis, University of California Santa Cruz, Boston University, Brown University, University of Chicago, Clemson University, Columbia University, Centre for Economic Policy Research, Dartmouth College, Duke University, Dynamics of Economic Growth and International Trade Conference, Econometric Society Meetings, European Economic Association Conference, Federal Reserve Bank of New York, Harvard University, Hitotsubashi University, HM Treasury, Institute for Fiscal Studies, International Monetary Fund, Kobe University, MIT, National Bureau of Economic Research, Osaka University, Penn State University, Princeton University, Royal Economic Society, Stanford University, University of Birmingham, University of British Columbia, University of Bristol, University College Dublin, University College London, University of Nottingham, University of Oxford, University of Pennsylvania, University of Texas, World Bank, Yale University, Yonsei University.

PROFESSIONAL ACTIVITIES

Co-Director, Griswold Center for Economic Policy Studies, 2021 onwards.

Director, *NBER International Trade and Investment Program*, 2016 onwards.

Associate Editor, *Quarterly Journal of Economics*, 2018 onwards.

AEA Program Committee, 2019 and 2024

Elector, Hicks Professor of Economics, University of Oxford, 2022.

Elector, Drummond Professorship of Political Economy, University of Oxford, 2022.

Frisch Medal Committee, Econometric Society, 2020 and 2022.

Metropolis Project Steering Committee, Princeton University, 2018-2021.

Associate Editor, *Econometrica*, 2016-19.

Founding Editor, *Microeconomic Insights*, 2015-17.

Associate Editor, *Journal of International Economics*, 2013-16.

Co-Editor, *Journal of International Economics*, 2010-13.

Guest Editor, *Scandinavian Journal of Economics*, Special Issue on Heterogeneous Firms and Trade, 2008.

Panel Discussant, *Economic Policy*, Centre for Economic Policy Research, 2005-7.

Editorial Board, *The Economic Journal*, Conference Volume, 2004.

Faculty Associate, *Niehaus Center for Globalization and Governance*, Princeton University, 2014 onwards.

Executive Committee, *Princeton Institute for International and Regional Studies (PIIRs)*, 2013-21.

Senior Recruitment Committee, Department of Economics, *Princeton University*, 2010-12.

Conferences organized: NBER International Trade and Investment Conferences 2017 onwards, International Economics Section Summer Workshop 2011 onwards, Chicago-Princeton Spatial Conference 2022, NBER Economic Consequences of Trade Conferences 2019-2022, NBER Trade and Labor Markets Conferences 2017-9, Seventh Annual Conference of the Julis Rabinowitz Center for Public Policy and Finance 2018, Spring Meeting, NBER International Trade and Investment Group, 2012, NBER International Trade and Investment Summer Institute, 2013-14, NBER International Trade and Macroeconomics Summer Institute 2013-14, Heterogeneous Firms and International Trade, CESifo-LSE, Venice, July 2008. Emergence of China and India in the Global Economy, LSE, London, June 2007. CEPR European Research Workshop in International Trade, Munich, 2002. CEPR Conference on Innovation and the Structure of Product Market Competition, London, 2002. CEPR European Research Workshop in International Trade, London, 2001.

Conference Programme: American Economic Association 2019 and 2023, Econometric Society World Congress 2010, North American Econometric Society Meeting, Society of Economic Dynamics, European Economic Association.

Referee: American Economic Review, Econometrica, Economica, Economic History Review, Economic Journal, Economics of Innovation and New Technology, European Economic Review, International Economic Review, Journal of Development Economics, Journal of Development Studies, Journal of Economic Geography, Journal of Economic Growth, Journal of Economic Theory, Journal of the European Economic Association, Journal of International Economics, Journal of Macroeconomics, Journal of Political Economy, Journal of Public Economics, Journal of Urban Economics, Oxford Economic Papers, Quarterly Journal of Economics, Regional Science and Urban Economics, Review of Economics and Statistics, Review of Economic Studies, World Economy.

Invited Lectures: Urban Economics Association 2020, Penn State 2020, NUS Singapore 2021, Rutgers Dean's Lecture 2023.

PHD STUDENTS (FIRST PLACEMENT)

Georgia Albertin (IMF), Lukas Althoff (Stanford), Holger Breinlich (Essex), Arunish Chawla (Indian Administrative Service), Cheng Chen (University of Hong Kong), Jiwon Choi (Brandeis), Dave Donaldson (MIT), Greg Dobbels (DOJ), Ben Faber (Berkeley), Anais Galdin (Tuck School of Business at Dartmouth), Cecile Gaubert (Berkeley), Kathleen Hu (Cornerstone), Anders Humlum (Chicago Booth), Benny Kleinman (Stanford), Kwok Hao Lee (NUS), Mathilde Le Moigne (University of Zurich), Mathis Maehlum (Norwegian Central Bank), Andres Maggi (Harvard), Mirabelle Muuls (Imperial College), Ralph Ossa (Chicago Booth), Rafael Parente (IMF), Dimitra Petropoulou (LSE), Tushar Poddar (IMF), Rowan Shi (Ryerson), Mariano Somale (Federal Reserve Board), Kwok Tong Soo (University of Lancaster), Chang Sun (University of Hong Kong), Jeffrey Sun (Toronto), Jang Ping Thia (Singapore Civil Service), Sharon Traiberman (NYU), Fabian Trottner (UCSD), Mercedes Vera-Martin (IMF), Atsushi Yamagishi (Hitotsubashi).

EXTERNAL EXAMINER

Clare Balboni (LSE), Maarten Bosker (Utrecht), Juan Carluccio (Paris), Andrew Charlton (Oxford), Camilo Umana Dajud (Paris), Leonardo Iacovone (Sussex), Andreas Moxnes (Oslo), Florin Cucu (Paris), Joao Paulo Pessoa (LSE).

PERSONAL

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REFERENCES

On request.