



**Multinational Firms in the Global Economy (MGMT 962001 and MGMT 963001)
Course Syllabus, Fall 2020**

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Class Times: Wednesdays, 9am to noon

COURSE DESCRIPTION

This is a graduate course focusing on the empirical aspects of multinational firms and international trade. The goal of the course is to familiarize graduate students with empirical work on multinational firms in the global economy, by reviewing the recent as well as older literature on this topic. Econometrics and statistical techniques for doing empirical work in international trade will be discussed. Topics over the course of the semester will include patterns in the expansion of multinational firms, horizontal and vertical multinationals; the linkages between openness to trade and investment and growth; trade orientation and firm performance; technology transfer and spillovers; innovation and productivity; immigration; and inequality and multinational firms.

The course's emphasis on the econometric and statistical techniques used for doing applied empirical work is likely to be valuable not only for students of multinational management or international trade, but also for any PhD student interested in conducting applied and rigorous empirical work.

TEXTBOOKS AND READINGS

You can find the readings on Canvas. Required readings must be read in advance of class. Additional relevant readings – listed at the end of the syllabus - are optional and for your reference should you have particular interest in diving deeper into a topic.

We will rely primarily on journal articles and working papers, although you may find the following two texts to be helpful references: *Advanced International Trade: Theory and Evidence* by Robert Feenstra, and *Multinational Enterprise and Economic Analysis* by Richard Caves.

COURSE REQUIREMENTS & GRADING

Students will be graded on the basis of:

1. Class attendance and participation (20%)
2. Referee report and presentation (25%). **Due October 14.**

Write a referee report and accompanying presentation on one of the following papers. These are job market papers from recent years. Your report should include: a summary of the main features of the paper; a description of its contribution to the literature; its main strengths and weaknesses; and your recommendations to improve it.

- Chauvin, Jasmina, “When Distance Shrinks: The Effects of Competitor Proximity on Firm Survival”
- Boudreau, Laura. “Multinational Enforcement of Labor Law: Experimental Evidence from Bangladesh’s Apparel Sector”
- Feng, YiLan. “Overseas Operations and Regulatory Arbitrage of Multinational Firms”
- Kim, Jin Hyung. “Is your playing field unlevelled? U.S. defense contracts and foreign firm lobbying.”
- Steinwender, Claudia. “Information Frictions and the Law of One Price: ‘When the States and the Kingdom became United’”
- Juhasz, Reka. “Temporary Protection and Technology Adoption: Evidence from the Napoleonic Blockade”
- Magelssen, Catherine. “Allocation of Property Rights and Technological Innovation within Firms”
- Quintana Gonzalez, Javier. “Import Competition, Regional Divergence, and the Rise of the Skilled City”
- Zhang, Linyi. “Escaping Chinese Import Competition? Evidence from US Firm Innovation”
- Ahmed, Sabin. “FDI and Localized Productivity Spillovers: Evidence from Developing and Transitional Countries”
- Sytsma, Tobias. “Improving Preferential Market Access Through Rules of Origin: Firm-level Evidence from Bangladesh”
- Lee, Jieun. “Foreign Direct Investment in Political Influence”.

3. Presentation of one article from the syllabus (20%).

The presentation should include: a summary of the main features of the paper; a description of its contribution to the literature; and its main strengths and weaknesses. Please sign up for your paper of choice by **September 16** on Canvas.

4. A research proposal (35%). **Due December 9.**

Write a research proposal on a topic of your choice in the area of MNCs in the global economy. Expected length of the proposal is 4-7 pages. Please include a bibliography. You may include an Appendix if you want to display additional figures/tables/etc.

SCHEDULE AND REQUIRED READINGS

Week 1: Introduction and Trends in Multinational Activity (Sept 2)

Readings are optional for the first week.

Week 2: Horizontal FDI (Sept 9)

Brainard, S. Lael (1997), "An Empirical Assessment of the Proximity- Concentration Trade-off Between Multinational Sales and Trade," *American Economic Review*, 87(4): 520-544.

Helpman, Melitz, and Yeaple (2004), "Export Versus FDI with Heterogeneous Firms". *American Economic Review*.

Week 3: Vertical FDI (Sept 16)

Keller, Wolfgang, and Stephen Yeaple (2013) "The Gravity of Knowledge," *American Economic Review*.

Yeaple, Stephen (2003), "The Role of Skill Endowments in the Structure of U.S. Outward FDI," *Review of Economics and Statistics*, 85(3): 726-734.

Week 4: Mode of Entry (Sept 23)

Guadalupe, Maria, Olga Kuzmina, and Catherine Thomas (2012), "Innovation and Foreign Ownership" *American Economic Review*.

Bertrand, Olivier and Laurence Capron (2015), "Productivity Enhancement at Home via Cross-Border Acquisitions: The Roles of Learning and Contemporaneous Domestic Investments". *Strategic Management Journal*.

Carluccio, Juan and Maria Bas (2015), "The Impact of Worker Bargaining Power on the Organization of Firms". *Journal of International Economics*.

Weeks 5: Spillovers, Agglomeration, and Technology Transfer Part 1 (Sept 30)

Javorcik, Beata Smarzynska (2004) “Does Foreign Direct Investment Increase the Productivity of Domestic Firms? In Search of Spillovers Through Backward Linkages”, *American Economic Review*.

Poole, Jennifer (2013) “Knowledge Transfers from Multinational to Domestic Firms: Evidence from Worker Mobility”. *The Review of Economics and Statistics*.

Branstetter, Lee (2006), “Is Foreign Direct Investment a Channel of Knowledge Spillovers? Evidence from Japan’s FDI in the United States”. *Journal of International Economics*.

Week 6: Spillovers, Agglomeration, and Technology Transfer Part 2 (Oct 7)

Branstetter, Lee, Raymond Fisman & Fritz Foley (2006). “Do Stronger Intellectual Property Rights Increase International Technology Transfer? Empirical Evidence from US Firm-Level Panel Data”. *Quarterly Journal of Economics*.

Giroud (2013), “Proximity and Investment: Evidence from Plant-Level Data”. *The Quarterly Journal of Economics*.

Zhao, Minyuan (2006), “Conducting R&D in Countries with Weak IPR”. *Management Science*.

Week 7: Student Presentations of JMPs (Oct 14)

Week 8: Does Internationalization Improve Firm Performance? (Oct 21)

Bernard, Andrew and J. Bradford Jensen (1999), “Exceptional exporter performance: cause, effect, or both”. *Journal of International Economics*.

Garcia-Marin, Alvaro and Nico Voigtlander (2019), “Exporting and Plant-Level Efficiency Gains: It’s in the Measure” *Journal of Political Economy*

Lileeva, Alla and Daniel Trefler (2010), “Improved Access to Foreign Markets Raises Plant-Level Productivity...for Some Plants” *The Quarterly Journal of Economics*.

Chang, Sungyong, Bruce Kogut, and Jae-Suk Yang (2016), “Global Diversification Discount and its Discontents: A Bit of Self-Selection Makes a World of Difference”. *Strategic Management Journal*.

Week 9: Trade Policy and Economic Development/Growth (Oct 28)

Frankel, Jeffrey and David Romer (1999), “Does Trade Cause Growth?” American Economic Review.

Feyrer, James (2019), “Trade and Income – Exploiting Time Series in Geography”. American Economic Journal: Applied Economics.

Donaldson, Dave (2018) “Railroads of the Raj: Estimating the Impact of Transportation Infrastructure”. American Economic Review.

Week 10: Trade and Inequality (Nov 4)

Autor, Dorn, and Hanson (2013): “The China Syndrome: Local Labor Market Effects of Import Competition in the United States,” American Economic Review.

Hummels, Jørgensen, Munch, and Xiang (2014): “The Wage Effects of Offshoring: Evidence from Danish Matched Worker-Firm Data,” American Economic Review.

Daniel Trefler (2004), “The Long and Short of the Canada-US Free Trade Agreement”. American Economic Review.

Pavcnik, Nina (2017), “The Impact of Trade on Inequality in Developing Countries”

Week 11: Trade, Offshoring, and Innovation (Nov 11)

Autor, David H., David Dorn, Gordon H. Hanson, Gary P. Pisano, and Pian Shu. (Forthcoming), “Foreign Competition and Domestic Innovation: Evidence from US Patents.” AER Insights

Bloom, Nicholas, Mirko Draca, and John Van Reenen. (2016). “Trade Induced Technical Change? The Impact of Chinese Imports on Innovation, IT and Productivity.” Review of Economic Studies 83:87–117.

Branstetter, Lee, Jong-Rong Chen, Britta Glennon, and Nikolas Zolas (2020), “Does Offshoring Manufacturing Harm Innovation? Evidence from Taiwan and China” Working Paper.

Campbell, Douglas and Karsten Mau. (2020) “On ‘Trade Induced Technical Change: The Impact of Chinese Imports on Innovation, IT, and Productivity’”. Forthcoming in the Review of Economic Studies.

Week 12: Immigration, Trade, and MNCs (Nov 18)

Burchardi, Konrad B., Thomas Chaney, and Tarek A. Hassan. "Migrants, ancestors, and foreign investments." The Review of Economic Studies 86.4 (2019): 1448-1486.

Cohen, Lauren, Umit Gurun, and Christopher Malloy (2016), “Resident Networks and Corporate Connections: Evidence from World War II Internment Camps” *Journal of Finance*.

Glennon, Britta (2020), “How do restrictions on high-skilled immigration affect offshoring? Evidence from the H-1B program”. Working Paper

Hernandez, Exequiel and Elena Kulchina (2020), “Immigrants and Foreign Firm Performance”. *Organization Science*.

Week 13: MNCs, Trade, and Politics (Dec 2)

Kim, In Song, and Helen V. Milner. (2020). “Multinational Corporations and their Influence Through Lobbying on Foreign Policy”. In *Multinational Corporations in a Changing Global Economy*, Washington, DC: The Brookings Institution.

Blonigen, Bruce and David N. Figlio (1998), “Voting for Protection: Does Direct Foreign Investment Influence Legislator Behavior?” *American Economic Review*

Jensen, J. Bradford, Dennis P. Quinn, and Stephen Weymouth (2017), “Winners and Losers in International Trade: The Effects on US Presidential Voting”. *International Organization*.

Autor, David, David Dorn, Gordon Hanson, and Kaveh Majlesi (2020). “Importing Political Polarization? The Electoral Consequences of Rising Trade Exposure.” Forthcoming in *American Economic Review*.

Week 14: Student Presentations of Original Research Proposals (Dec 9)

ADDITIONAL (OPTIONAL) RELEVANT READINGS

(Note that this list is *not* comprehensive; it is meant to provide you with somewhere to start if you want to read further into any of the topics introduced in the seminar)

Introduction and Trends in Multinational Activity

- Bureau of Economic Analysis (2019), “Activities of US Multinational Enterprises in 2017”. September, by Kassu Hossiso
- Yeaple, Stephen (2013), “The Multinational Firm” Annual Review of Economics.
- Dunning, John and Alan Rugman (1985) “The Influence of Hymer’s Dissertation on the Theory of Foreign Direct Investment”, American Economic Review.
- Hymer, Stephen H., The International Operations of National Firms: A Study of Direct Foreign Investment, (1960)
- Chapter 1 of Multinational Enterprise and Economic Analysis by Richard Caves
- Krugman (1980), “Scale Economies, Product Differentiation, and the Pattern of Trade” The American Economic Review
- Markusen J. (1984). Multinationals, multi-plant economies, and the gains from trade. J. Int. Econ.
- Melitz, Marc J. (2003), “The Impact of Trade on Intra-Industry Reallocations and Aggregate Industry Productivity”
- Barba Navaretti, G., Venables, A.J., 2004. Multinational Firms in the World Economy. Princeton University Press.
- Helpman (1984): “A Simple Theory of International Trade with Multinational Corporations,” JPE
- Dunning, John H. (1988), “The Eclectic Paradigm of International Production: A Restatement and Some Possible Extensions”.
- Markusen, James (1995), “The Boundaries of Multinational Enterprises and the Theory of International Trade”. Journal of Economic Perspectives.
- Antras, Pol and Stephen Yeaple (2013), “Multinational Firms and the Structure of International Trade”
- Contractor (2012), “Why do Multinational Firms Exist?” Global Strategy Journal.
- Ramondo, Natalia, Andres Rodriguez-Clare, and Felix Tintelnot (2015), “Multinational Production: Data and Stylized Facts”. American Economic Review: Papers and Proceedings
- Flaaen, Aaron (2014) “Multinational Firms in Context” Working Paper.

Horizontal FDI

- Markusen, James R. & Anthony J. Venables (2000), “The Theory of Endowment, Intra-industry and Multi-national Trade,” Journal of International Economics 52(2): 209-234.
- Markusen, James R. (1984), “Multinationals, Multi-Plant Economies, and the Gains from Trade,” Journal of International Economics 16(3-4): 205-226.
- Chapters 1-2 of Multinational Enterprise and Economic Analysis by Richard Caves
- Yeaple, Stephen R. (2009), “Firm Heterogeneity and the Structure of U.S. Multinational Activity,” Journal of International Economics 78(2): 206-215.
- Chapter 12 of Feenstra textbook

- Ramondo, Natalia, Veronica Rappoport, and Kim J Ruhl (2013), “The Proximity-Concentration Tradeoff Under Uncertainty”, “The Review of Economic Studies.
- Davies, Ronald and James R. Markusen (2020), “The Structure of Multinational Firms’ International Activities”. NBER Working Paper 26827

Vertical FDI

- Yi, Kei-Mu (2003), “Can Vertical Specialization Explain the Growth of World Trade?” Journal of Political Economy.
- Helpman, Elhanan (1984), “A Simple Theory of International Trade”, Journal of Political Economy
- Feenstra, Robert C. and Gordon H. Hanson, (1996), “Foreign Investment, Outsourcing and Relative Wages,” in R.C. Feenstra, G.M. Grossman and D.A. Irwin, eds., The Political Economy of Trade Policy: Papers in Honor of Jagdish Bhagwati, Cambridge, MA: The MIT Press.
- Grossman and Rossi-Hansberg (2008), “Trading Tasks: A Simple Theory of Offshoring”, American Economic Review.
- Costinot, Vogel, and Wang (2013), “An Elementary Theory of Global Supply Chains” ReStud.
- Chapters 1-2 of Multinational Enterprise and Economic Analysis by Richard Caves
- Ramond, Rappoport, and Ruhl (2016), “Intrafirm Trade and Vertical Fragmentation in US Multinational Corporations”, Journal of International Economics.
- Helpman, Elhanan (2006), “Trade, FDI, and the Organization of Firms”. Journal of Economic Literature
- Ramondo, Rappoport, and Ruhl (2012), “Horizontal vs. Vertical FDI: Revisiting Evidence from U.S. Multinationals,”
- Hanson, Gordon, Raymond Mataloni, and Matthew Slaughter (2005). “Vertical Production Networks in Multinational Firms,” Review of Economics and Statistics 87(4): 664-678.
- Chapter 12 of Feenstra textbook

Mode of Entry

- Harzing, Anne-Wil (2002), “Acquisitions versus Greenfield Investments: International Strategy and Management of Entry Modes”. Strategic Management Journal.
- Nocke, Volker and Stephen Yeaple (2008), “An Assignment Theory of Foreign Direct Investment”. The Review of Economic Studies.
- Head K, Ries J. 2008. FDI as an outcome of the market for corporate control. J. Int. Econ. 74:2–20
- Arnold F, Javorcik B. 2009. Gifted kids or pushy parents? Foreign direct investment and plant productivity in Indonesia. J. Int. Econ. 79:42–53
- Blonigen, Fontagne, Sly, and Toubal (2014) “Cherries for Sale: The Incidence and Timing of Cross-Border M&A”. Journal of International Economics.
- Horn, Henrik and Lars Persson (2001), “The Equilibrium Ownership of an International Oligopoly”. Journal of International Economics.

- Neary (2007), “Cross-Border Mergers as Instruments of Comparative Advantage”. Review of Economic Studies.
- Hennart and Park (1993) “Greenfield vs Acquisition: The Strategy of Japanese Investors in the United States”. Management Science
- Kogut, Bruce and Harbir Singh (1988), “The Effect of National Culture on the Choice of Entry Mode”. Journal of International Business Studies.
- Brouthers, Keith and Lance Brouthers (2000), “Acquisition or Greenfield Start-Up? Institutional, Cultural, and Transaction Cost Influences” Strategic Management Journal.
- Meyer, Estrin, Bhaumik, and Peng (2009), “Institutions, Resources, and Entry Strategies in Emerging Economies”
- Shaver, J. Myles (1998), “Accounting for Endogeneity when Assessing Strategy Performance: Does Entry Mode Choice Affect FDI Survival? Management Science.
- Chapter 3 of Multinational Enterprise and Economic Analysis by Richard Caves
- Nocke, Volker and Stephen Yeaple (2007), “Cross-border mergers and acquisitions vs greenfield foreign direct investment: The role of firm heterogeneity”. Journal of International Economics.
- Hennart, Jean-Francois (1991), “The Transaction Costs Theory of Joint Ventures: An Empirical Study of Japanese Subsidiaries in the United States”. Management Science
- Ethier, Wilfred J., and James R. Markusen. "Multinational firms, technology diffusion and trade." Journal of International Economics 41.1-2 (1996): 1-28.
- Feinberg, Susan and Anil Gupta (2009), “MNC Subsidiaries and Country Risk: Internalization as a Safeguard Against Weak Internal Institutions”
- Hennart, JF (1982), “The Model” in A Theory of the Multinational Enterprise, University of Michigan Press, 1982.
- Fernandes, Ana and Heiwai Tang (2012), “Determinants of Vertical Integration in Export Processing: Theory and Evidence from China” Journal of Development Economics.
- Feenstra, Robert and Gordon Hanson, (2005) “Ownership and Control in Outsourcing to China: Estimating the Property-Rights Theory of the Firm”. Quarterly Journal of Economics
- Anderson, E. and H. Gatignon (1986), “Modes of Foreign Entry: A Transaction Cost Analysis and Propositions”, JIBS.
- Shaver, J.M. (1998). “Accounting for Endogeneity When Assessing Strategy Performance: Does Entry Mode Choice Affect FDI Survival?” Management Science, 44 (4): 571-585.
- Antras, Pol and Elhanan Helpman (2004), “Global Sourcing”. Journal of Political Economy.
- Antras, Pol (2003), “Firms, Contracts, and Trade Structure”. The Quarterly Journal of Economics.
- Antras, Pol (2005), “Incomplete Contracts and the Product Cycle”. The American Economic Review.
- Antras, Pol and Davin Chor (2012), “Organizing the Global Value Chain”. Econometrica
- Grossman, Gene and Elhanan Helpman (2005), “Outsourcing in a Global Economy”. Review of Economic Studies.
- Grossman, Gene and Elhanan Helpman (2004), “Managerial Incentives and the International Organization of Production”. Journal of International Economics.
- Grossman, Gene and Elhanan Helpman (2002), “Integration versus Outsourcing in Industry Equilibrium”. The Quarterly Journal of Economics.

- Nunn, Nathan, and Daniel Trefler, “The Boundaries of the Multinational Firm: An Empirical Analysis,” in E. Helpman, D. Marin, and T. Verdier, *The Organization of Firms in a Global Economy*
- Alfaro et al (2019), “Internalizing Global Value Chains”. *Journal of Political Economy*.
- Costinot, Arnaud, Lindsay Oldenski and James Rauch (2011), “Adaptation and the Boundary of Multinational Firms”. *The Review of Economics and Statistics*.
- Yeaple, Stephen R. (2006), “Offshoring, Foreign Direct Investment, and the Structure of U.S. Trade” *Journal of the European Economic Association*
- Nunn, N., and D. Trefler (2008), “The Boundaries of the Multinational Firm: An Empirical Analysis”, in E. Helpman, D. Marin, and T. Verdier (eds.), *The Organization of Firms in a Global Economy*
- Corcos et al (2013), “The Determinants of Intrafirm Trade: Evidence from French Firms”. *The Review of Economics and Statistics*.
- Bernard, Andrew, J. Bradford Jensen, Stephen Redding, and Peter Schott (2010), “Intrafirm Trade and Product Contractibility”. *American Economic Review: Papers and Proceedings*.

Spillovers, Agglomeration, and Technology Transfer

- Wheeler, David and Ashoka Mody (1992), “International investment location decisions: The case of US Firms”. *Journal of International Economics*.
- Bilir, Kamran (2014), “Patent Laws, Product Life-Cycle Lengths, and Multinational Activity”. *American Economic Review*.
- Aitken, Brian J. and Ann E. Harrison (1999), “Do Domestic Firms Benefit from Direct Foreign Investment? Evidence from Venezuela”. *American Economic Review*.
- Greenstone, Michael, Richard Hornbeck, and Enrico Moretti (2010) “Identifying Agglomeration Spillovers: Evidence from Winners and Losers of Large Plant Openings”. *Journal of Political Economy*
- Audretsch, D. B., M. B. Feldman. (1996). “R&D spillovers and the geography of innovation and production.” *American Economic Review* 86(3) 630–640.
- Alcacer, Juan and Minyuan Zhao (2012), “Local R&D Strategies and Multilocation Firms: The Role of Internal Linkages”. *Management Science*.
- Haskel, Jonathan E., Sonia Pereira and Matthew Slaughter (2007) “Does Inward Foreign Direct Investment Boost the Productivity of Domestic Firms?” *The Review of Economics and Statistics*.
- Keller, Wolfgang and Stephen Yeaple (2009), “Multinational Enterprises, International Trade, and Productivity Growth: Firm-Level Evidence from the United States”, *Review of Economics and Statistics*.
- Keller, Wolfgang. (2010) “International Trade, Foreign Direct Investment, and Technology Spillovers”.
- Mansfield, Edwin and Anthony Romeo (1980), “Technology Transfer to Overseas Subsidiaries by US-Based Firms”. *The Quarterly Journal of Economics*.
- Fosfuri, Andrea, Massimo Motta, and Thomas Ronde (2001), “Foreign Direct Investment and Spillovers through Workers Mobility”, *Journal of International Economics*.
- Balsvik, Ragnild (2011), “Is Labor Mobility a Channel for Spillovers from Multinationals? Evidence from Norwegian Manufacturing”. *The Review of Economics and Statistics*.

- Chapter 7 of *Multinational Enterprise and Economic Analysis* by Richard Caves
- Exequiel Hernandez, WM Gerard Sanders and Tuschke, Anja, 2016 *Network Defense: Pruning, Grafting and Closing to Prevent Leakage of Strategic Knowledge to Rivals* *Academy of Management Journal* 58(4):1233-1260.
- Berry, Heather 2015, 'Knowledge Inheritance in Global Industries: The Impact of Parent Firm Knowledge on the Performance of Foreign Subsidiaries', *Academy of Management Journal*, vol. 58, no. 5, pp. 1438–1458
- Alcacer, Juan and Wilbur Chung (2007) *Location Strategies and Knowledge Spillovers* *Management Science* 53(5) 76-776.

Does Internationalization Improve Firm Performance?

- Atkin, Khandelwal, and Osman (2017), "Exporting and Firm Performance: Evidence from a Randomized Experiment". *The Quarterly Journal of Economics*
- J. Myles Shaver, (2011) "The benefits of geographic sales diversification: How exporting facilitates capital investment". *Strategic Management Journal*.
- Blalock and Gertler (2004), "Learning from exporting revisited in a less developed setting". *Journal of Development economics*.
- Clerides Lach and Tybout (1998), "Is Learning by Exporting Important? Micro-Dynamic Evidence from Colombia, Mexico, and Morocco". *The Quarterly Journal of Economics*
- Van Biesebroeck, Johannes (2005), "Exporting raises productivity in sub-Saharan African manufacturing firms". *Journal of International Economics*.
- De Loecker, Jan (2013), "Detecting Learning by Exporting" *American Economic Journal: Microeconomics*.
- Berry, Heather and Assem Kaul 2015. "Global Sourcing and Foreign Knowledge Seeking" *Management Science* 61(5):1052-1071.
- Salomon, Robert and J. Myles Shaver (2005) "Learning by Exporting: New Insights from Examining Firm Innovation". *Journal of Economics and Managerial Strategy*.
- J. Myles Shaver (2011) "The benefits of geographic sales diversification: How exporting facilitates capital investment" *Strategic Management Journal*.
- Johanson, Jan and Jan-Erik Vahlne. "The Internationalization Process of the Firm – A Model of Knowledge Development and Increasing Foreign Market Commitments"
- Zaheer, Srilata. 1995. *Overcoming the Liability of Foreignness*. *Academy of Management Journal*, 38(2):341-363.
- Perkins, Susan 2014 *When Does Prior Experience Pay? Institutional Experience and the Multinational Corporation* *Administrative Science Quarterly* 59(1):145-18

Trade Policy and Economic Development/Growth

- Harrison, Ann and Andres Rodriguez-Clare (2009) "Trade, Foreign Investment, and Industrial Policy for Developing Countries".
- Rodriguez, Francisco and Dani Rodrik (2001) "Trade Policy and Economic Growth: A Skeptic's Guide to the Cross-National Evidence", *NBER Macroeconomics Annual*

- Nunn, Nathan and Daniel Trefler (2010), “The Structure of Tariffs and Long-Term Growth”, *American Economic Journal: Macroeconomics*.
- Estevadeordal, Antoni and Alan Taylor (2013), “Is the Washington Consensus Dead? Growth, Openness, and the Great Liberalization, 1970s-2000s”. *The Review of Economics and Statistics*.
- Alcalá, Francisco and Antonio Ciccone (2004), “Trade and Productivity”. *The Quarterly Journal of Economics*.
- Romalis, John (2007), “Market access, openness and growth”. NBER Working Paper
- Khandelwal, Amit, Peter Schott and Shang-Jin Wei (2013), “Trade Liberalization and Embedded Institutional Reform: Evidence from Chinese Exporters”, *American Economic Review*
- Pavcnik, Nina. (2002) “Trade Liberalization, Exit, and Productivity Improvements: Evidence from Chilean Plants,” *Review of Economic Studies*.
- Chapter 9 of *Multinational Enterprise and Economic Analysis* by Richard Caves
- Brandt, Loren, Johannes Van Biesebroeck, Luhang Wang, and Yifan Zhang. 2017. "WTO Accession and Performance of Chinese Manufacturing Firms." *American Economic Review*, 107 (9): 2784-2820.
- Bustos, Paula. 2011. "Trade Liberalization, Exports, and Technology Upgrading: Evidence on the Impact of MERCOSUR on Argentinian Firms." *American Economic Review*, 101 (1): 304-40.

Trade and Inequality

- Autor, Dorn, Hanson, and Song (2014) “Trade Adjustment: Worker-Level Evidence”. *The Quarterly Journal of Economics*.
- Goldberg, Pinelopi Koujianou and Nina Pavcnik (2007), “Distributional Effects of Globalization in Developing Countries”. *Journal of Economic Literature*.
- Dorn, David. “Commentary: The Impact of Trade on Inequality in Developed Countries”
- Justin Pierce and Peter K Schott (2016), “The Surprisingly Swift Decline of US Manufacturing Employment”, *American Economic Review*.
- Justin Pierce and Peter K. Schott (2020) “Trade Liberalization and Mortality: Evidence from US Counties”, *AER: Insights*.
- Feenstra, R C, H Ma, and Y Xu (2017), “US Exports and Employment”, NBER Working Paper No. 24056.
- Feenstra, Robert C and Akira Sasahara (2018), “The ‘China shock,’ exports and U.S. employment: A global input–output analysis”. *Review of International Economics*.
- Lorenzo Caliendo, Maximilian Dvorkin, and Fernando Parro (forthcoming): “Trade and Labor Market Dynamics: General Equilibrium Analysis of the China Trade Shock,” *Econometrica*
- Acemoglu, Autor, Dorn, and Hanson (2014): “Import Competition and the Great U.S. Employment Sag of the 2000s,” *Journal of Labor Economics*
- Pavcnik, N (forthcoming), “The impact of trade on inequality in developing countries,” in *Fostering a dynamic global economy, The Jackson Hole Economic Policy Symposium Proceedings* (also NBER Working Paper 23878).
- Dix-Carneiro, R and B Kovak (2017), “Trade liberalisation and regional dynamics”, *American Economic Review* 107(10): 2908-46.
- Feenstra. *Global Economy Lecture* (2007), “Globalization and its Impact on Labor”.

- Amiti, M., and D. Davis. 2012. "Trade, Firms, and Wages: Theory and Evidence," *Review of Economic Studies*, 79(1), 1-36.
- Cosar, Guner, and Tybout (2016): "Firm Dynamics, Job Turnover, and Wage Distributions in an Open Economy," *American Economic Review*
- Helpman, Itskhoki, Muendler, and Redding (2017) "Trade and Inequality: From Theory to Estimation" *The Review of Economic Studies*.
- Helpman, Itskhoki, and Redding (2010): "Inequality and unemployment in a global economy", *Econometrica*
- Elhanan Helpman (2016) "Globalization and Wage Inequality" NBER Working Paper 22944
- Chapter 5 of *Multinational Enterprise and Economic Analysis* by Richard Caves
- Chapter 4 of *Advanced International Trade* by Robert Feenstra

Trade, Offshoring, and Innovation

- Fuchs, Erica R. H. 2014. "Global Manufacturing and the Future of Technology." *Science* (New York, N.Y.) 345:519–20.
- Glass, Amy Jocelyn and Kamal Saggi. 2001. "Innovation and Wage Effects of International Outsourcing." *European Economic Review* 45:67–86.
- Shu, Pian, and Claudia Steinwender. "The impact of trade liberalization on firm productivity and innovation." *Innovation Policy and the Economy* 19.1 (2019): 39-68.
- Yang, Chia Hsuan, Rebecca Nugent, and Erica R. H. Fuchs. 2016. "Gains from Others' Losses: Technology Trajectories and the Global Division of Firms." *Research Policy* 45(3):724–45.
- Aghion, Bergeaud, Lequien, and Melitz (2018) "The Impact of Exports on Innovation: Theory and Evidence". Working Paper
- Pisano, Gary P. and Willy C. Shih. 2009. "Restoring American Competitiveness." *Harvard Business Review* 87(July).

Immigration and MNCs

- Morales, Nick. (2019). "High-skill migration, multinational companies and the location of economic activity". Working Paper.
- Li, Yong, Exequiel Hernandez, and Sunhwan Gwon (2019) "When do Ethnic Communities Affect Foreign Location Choice? Dual Entry Strategies of Korean Banks in China". *Academy of Management Journal*.
- Gould, D. M. (1994) "Immigrant Links to the Home Country: Empirical Implications for U.S. Bilateral Trade Flows". *The Review of Economics and Statistics*.
- Hernandez (2014), "Finding a Home away from Home: Effects of Immigrants on Firms' Foreign Location Choice and Performance". *Administrative Science Quarterly*
- Mata, Jose and Claudia Alves (2018), "The Survival of Firms Founded by Immigrants: Institutional Distance Between Home and Host Country, and Experience in the Host Country". *Strategic Management Journal*.
- Mayda, Parsons, Pham, and Vezina (2020), "Refugees and Foreign Direct Investment: Quasi-Experimental Evidence from US Resettlements". Working Paper.

- Foley, Fritz and William Kerr (2013), “Ethnic Innovation and US Multinational Firm Activity”. Management Science.

MNCs, Trade, and Politics

- Bombardini (2008), “Firm Heterogeneity and Lobby Participation”. Journal of International Economics.
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