

Caitlyn H. Carrico, Ph.D.

Citizenship: United States of America

Languages: English (native), French (fluent)

Wageningen Economic Research

Prinses Beatrixlaan 582

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The Netherlands

POSITIONS:

Wageningen Economic Research

Economist, International Policy Division

2019 – present

The Hague, The Netherlands

- Lead international project (The Netherlands, Spain) to develop a new macro-micro linked economic framework to assess the AfCFTA for the European Commission
- Team leader for economic assessment of the EU-MERCOSUR trade agreement in a report to the Dutch Parliament, as assigned by the Dutch Ministry of Foreign Affairs, Ministry of the Economic Affairs, and Ministry of Agriculture
- Case study leader for Burkina Faso, analyzing fruit and vegetable value chains for the Bill and Melinda Gates Foundation and the UK Foreign, Commonwealth & Development Office
- Task leader responsible for international team researching global value chains (GVCs) in the BATModel project, funded under the European Commission's Horizon 2020 programme
- Supervisor of Ph.D. student for project on international trade and agricultural water use
- Research on structural transformation (trade, labour markets, long-term macro-economic growth) for the European Commission
- Coauthor proposals for multi-million euro tenders to provide policy guidance on trade, multilateral cooperation, and sustainable development to the European Commission

Organisation for Economic Co-operation and Development (OECD)

Policy Analyst and Economist, Trade and Agriculture Directorate

2017 – 2019

Paris, France

- Provided policy guidance to OECD member countries in the Trade Committee, the Working Party of the Trade Committee, and the Joint Working Party on Agriculture and Trade
- Collaborated with Economics Department for two papers on BREXIT for the Economic Survey of Ireland (2018) and the Economic Survey of the Netherlands (2018)
- Coauthored paper on the impact of reducing market distortions (tariffs, NTMs, subsidies) for integration in agri-food GVCs in Asia
- Authored high-level brief providing quantification of and policy recommendations for reducing regulatory barriers in services trade across the G20
- Facilitated seminars and technical meetings with government officials and academics from the United States, Japan, and Ireland

Center for Global Trade Analysis (GTAP Center)

2012 – 2017

Doctoral Researcher and Instructor, Purdue University

West Lafayette, IN

- Developed innovative supply chain framework to analyze GVCs for a report on public procurement regimes for the European Commission
- Analyzed distributional effects of Trans-Pacific Partnership on U.S. workers and households in a report for the U.S. International Trade Commission
- Principal Instructor for advanced professional course on dynamic economic modelling
- Instructor for professional course on economic modelling, responsible for onsite activities

The World Bank

2015 – 2016

Economist (Consultant), Development Economics

Washington, DC

- Principal researcher and co-author of paper on commodity price volatility and migration
- Analyzed historic and geopolitical influences of demand for workers from South and Southeast Asia (SSA) in the Cooperation Council for the Arab States of the Gulf (GCC)
- Projected the effect of international oil price volatility on migration from SSA to the GCC, between 2015 and 2035

United States International Trade Commission

2010 – 2012

Economic Assistant, Office of Economics

Washington, DC

- Coauthored investigative reports for the United States Senate Committee on Finance on (1) Chinese IPR protection and (2) Brazilian and U.S. agricultural trade
- Authored sections on Brazil, Taiwan, China, and India for *The Year in Trade*, 2010 and 2011
- Coauthored high-level *Executive Briefing on Trade* on Brazilian import restrictions
- Coauthored article on the U.S. labour market in *Economic Modelling*

Princeton University

2010

Research Fellow, Lewis-Sigler Institute for Integrative Genomics

Princeton, NJ

- Investigated cellular regeneration in a biophysics laboratory
- Developed novel method to visualize regeneration in live aquatic worms
- Presented patterns of cellular regeneration captured by microscopy in poster session

Biotechnology Innovation Organization (BIO)

2009

Policy Intern, Food and Agriculture Section

Washington, DC

- Represented BIO in meetings at the United States Congress, the U.S. Department of Agriculture, and the U.S. Food and Drug Administration
- Researched the global aquaculture industry, identifying industry threats and developing an economic rationale for the regulated introduction of fast-growth Atlantic salmon
- Authored four policy briefs and one issue paper for government officials

EDUCATION:

Ph.D. in International Trade**2017**

Department of Agricultural Economics, Purdue University

West Lafayette, IN

Dissertation: *Essays on Global Supply Chains: Methodological Developments, Policy Implications, and Distributional Effects***M.S. in International Trade****2015**

Department of Agricultural Economics, Purdue University

West Lafayette, IN

B.S. in Biology, Minors: Mathematics, French**2012**

College of Arts and Sciences, American University

Washington, DC

Certificate in French Translation**2011**

College of Arts and Sciences, American University

Washington, DC

JOURNAL ARTICLES:

1. Bekkers, E., A. Antimiani, C. Carrico, D. Flaig, L. Fontagne, J. Foure, J. Francois, K. Itakura, Z. Kutlina-Dimitrova, W. Powers, B. Saveyn, R. Teh, F. van Tongeren and M. Tsigas (2020). "Modelling trade and other economic interactions between countries in baseline projections." *Journal of Global Economic Analysis*. 5(1), 273-345.
2. Chateau, J., E. Corong, E. Lanzi, C. Carrico, J. Fouré, and D. Laborde (2020). "Characterizing supply-side drivers of structural change in the construction of economic baseline projections." *Journal of Global Economic Analysis*. 5(1). 109-161.
3. Carrico, C. (2017). "An Enhanced Analytical Framework for Evaluating the Effects of Trade Costs along Global Value Chains." *Journal of Global Economic Analysis*. 2(2), 43-111.
4. Carrico, C., and M. Tsigas (2014). "Enriching U.S. labor results in a multi-regional CGE model." *Economic Modelling*. 36, 268-281.
5. Carrico, C. (2012). "The USITC's Roundtable on Quantifying the Economic Effects of Trade Agreements: Discussion Summary." *USITC Journal of International Commerce & Economics*. 4(2), 55-61.

OFFICIAL PUBLICATIONS:

1. Carrico, C., E. Corong, and D. van der Mensbrugghe (2020). "The GTAP version 10A Multi-Region Input Output (MRIO) Data Base". GTAP Memorandum 34. Center for Global Trade Analysis, Purdue University.
2. Smith, D., Arriola, C., Carrico, C., and F. Van Tongeren (2019). "The Potential Economic Impact of Brexit on the Netherlands." OECD Economics Department Working Papers No. 1518.

3. OECD (2019). “Scenario 4: Addressing Barriers to Services Trade.” OECD Trade Policy and the Global Economy Brief Series.
4. OECD (2018). *OECD Economic Surveys: Netherlands 2018*.
5. OECD (2018). *OECD Economic Surveys: Ireland 2018*.
6. Arriola, C., Carrico, C., Haugh, D., Pain, N., Rustically, E., Smith, D., Van Tongeren, F., and B. Westmore (2018). “The Potential Macroeconomic and Sectoral Consequences of Brexit on Ireland.” OECD Economics Department Working Papers No. 1508.
7. Greeneville, J., Kawasaki, K., Flaig, D., and C. Carrico (2018). “Influencing Global Value Chains through Agro-Food Policy and Reform.” OECD Food, Agriculture and Fisheries Papers, No. 125.
8. Walmsley, T., and C. Carrico (2016). “Chapter 12.B: Disaggregating Labor Payments.” GTAP 9 Data Base Documentation. Center for Global Trade Analysis, Purdue University.
9. Carrico, C., and D. Carlson (2013). “Brazil’s Applied Tariffs Understated Its Overall Import Restrictiveness from 2001–2011.” USITC Executive Briefing on Trade.
10. USITC (2012). *Year in Trade 2011: Operation of the Trade Agreements Program, 63rd Report*. USITC Publication 4336.
11. USITC (2012). *Brazil: Competitive Factors in Brazil Affecting U.S. and Brazilian Agricultural Sales in Selected Third Country Markets*. Investigation No. 332-524, USITC Publication 4310.
12. USITC (2011). *Year in Trade 2010: Operation of the Trade Agreements Program, 62nd Report*. USITC Publication 4247.
13. USITC (2011). *China: Effects of Intellectual Property Infringement and Indigenous Innovation Policies on the U.S. Economy*. Investigation No. 332-519, USITC Publication 4226.
14. BIO (2009). “Aquaculture Biotechnology: GE Fish Solutions.” Biotechnology Innovation Organization Issue in Brief.
15. BIO (2009). “GE Salmon Offer Innovative Solutions to Socioeconomic Challenges Facing Global and U.S. Fish Markets.” Biotechnology Innovation Organization Issue in Brief.
16. BIO (2009). “The Compelling Benefits of Genetically Engineered Animals: Opportunities to Improve Health Care, Nutrition, and Animal Welfare while Reducing Environmental Impact.” Biotechnology Innovation Organization Issue in Brief.
17. BIO (2009). “Fast Fish Facts.” Biotechnology Innovation Organization Issue in Brief.

WORKING PAPERS:

1. Carrico, C., A. Tabeau, and M. Kuiper (2020). “Modelling Trade Growth for Long-Run Economic Prospects: Improving Trade to Income Elasticity Calibration in Baselines.” Conference Paper for 23rd Annual Conference on Global Economic Analysis.
2. Kuiper, M., C. Carrico, and A. Tabeau (2020). “Calibrating relative wages induced by changed skill rates in long run projections.” Conference Paper for 23rd Annual Conference on Global Economic Analysis.

3. Akgul, A., C. Carrico, and M. Tsigas (2018). "Effects of Trade on the United States Labor Market: Mobility and Market Structure." Conference Paper for 2018 Allied Social Sciences Associations Annual Meeting.
4. Carrico, C. (2017). "Improving Adherence to Labor Regulations along the Global Value Chain: Incentivizing Exporting Firms." Conference Paper for 2017 Allied Social Sciences Associations Annual Meeting.
5. Carrico, C. (2017). "A GTAP-MRIO for the GTAP Database 9." Conference Paper for 19th Annual Conference on Global Economic Analysis.
6. Aguiar, A., C. Carrico, T. Hertel, Z. Hussein, and R. McDougall (2016). " Extending the GTAP Framework for Public Procurement Analysis." GTAP Working Paper No. 82.
7. Carrico, C., A. Aguiar, and S. A. Ahmed (2016). "Migration Response to Oil Volatility: A Dynamic Simulation of Migration from South and Southeast Asia to the Gulf." Conference Paper for 19th Annual Conference on Global Economic Analysis.
8. Aguiar, A., T. Walmsley, and C. Carrico (2014). "Improving the Representation of the U.S. in the MyGTAP Model with the Disaggregation of Labor and Households - Modeling and Simulation." Conference Paper for 17th Annual Conference on Global Economic Analysis.
9. Aguiar, A., C. Carrico and T. L. Walmsley (2014). Improving the Representation of the U.S. in the MyGTAP Model with the Disaggregation of Labor and Households - Database Construction." USITC Project Report.
10. Walmsley, T., and C. Carrico (2013). "Disaggregating Labor Payments in the GTAP 8 Data Base." Under review for GTAP Technical Papers Series.
11. Carrico, C., L. Jones, and M. Tsigas (2012) "Disaggregate U.S. Labor Statistics for the USAGE 2.0 and GTAP Applied General Equilibrium Models." USITC Office of Economics Working Paper No. 2012-10D.

PRESENTATIONS:

1. "Modelling Trade Growth for Long-Run Economic Prospects: Improving Trade to Income Elasticity Calibration in Baselines." 23rd Annual Conference on Global Economic Analysis, Virtual Conference, 2020.
2. "The Potential of a Hard BREXIT: Implications for Global Value Chain Linkages." Research Seminar, Centre d'Études Prospectives et d'Informations Internationales, Paris, France, 2019.
3. "Incorporating Global Value Chains into a CGE Framework: Motivation, Methodology, Implementation, and Insights." MAGNET Seminar, Wageningen Economic Research, The Hague, The Netherlands, 2019.
4. "Implications of a Hard BREXIT for Ireland: A Global Value Chains Perspective." Research Seminar, Research Institute of Economics and Management, Southwestern University of Finance and Economics, Chengdu, China, 2019.
5. "Economic Gains from Strategic Regulatory Reform in Services: Facilitating International Trade in the G20." Trade Show and Tell Seminar Series, World Bank, Washington, DC, 2019.
6. "Macroeconomic and Trade Gains from Targeted Regulatory Reforms: Improved Access to Foreign Services in the G20." Economic Research Service Seminar, U.S. Department of Agriculture, Washington, DC, 2019.

7. "Strategic Policy Reform to Improve Access to Foreign Services: Macroeconomic and Trade Gains across the G20." Office of Economics Seminar, U.S. International Trade Commission, Washington, DC, 2019.
8. "Policy Analysis in Two Prominent Supply Chain Models." Seminar, U.S. Bureau of Economic Analysis, Suitland, MD, 2019.
9. "Trade Policy Impacts along Supply Chains: Labor and GVC Analysis in Two Prominent Models." Office of Economics Seminar, U.S. International Trade Commission, Washington, DC, 2018.
10. "Trade Effects on Agricultural Labor: implications of CETA for U.S. Agricultural Exports." Symposia of the International Agricultural Trade Research Consortium, XV European Association of Agricultural Economists Congress, Parma, Italy, 2017.
11. "Disentangling Distributional Effects of Trade: Incorporating U.S. Occupational Statistics into an MRIO Framework." 20th Annual Conference on Global Economic Analysis, Purdue University, West Lafayette, IN, 2017.
12. "The U.S. Embedded in the Global Supply Chain: Examining Effects of Trade Policy on Workers." Society of Government Economists Annual Conference, U.S. Bureau of Labor Statistics, Washington, DC, 2017.
13. "A New Analytical Framework for Evaluating the Effects of Trade Costs along Supply Chains." Trade and Competitiveness Seminar Series, World Bank, Washington, DC, 2017.
14. "A New Analytical Framework for Evaluating the Effects of Trade Costs along Supply Chains." Research Division Seminar, World Trade Organization, Geneva, Switzerland, 2017.
15. "Improving Adherence to Labor Regulations along the Global Value Chain: Incentivizing Exporting Firms." Allied Social Sciences Associations Annual Meeting, Chicago, IL, 2017.
16. "Incorporating Tariff Revenues into a Multi-Regional Input-Output Framework: Improved Database Development and Enhanced General Equilibrium Analysis." Office of Economics Seminar, U.S. International Trade Commission, Washington, DC, 2016.
17. "The GTAP-MRIO Database: Incorporating Differentiated Tariffs." 19th Annual Conference on Global Economic Analysis, World Bank, Washington, DC, 2016.
18. "GTAP Graduate Program Development Plan." 2016 GTAP Advisory Board Meeting, World Bank, Washington, DC, 2016.
19. "Disaggregate Labor Statistics in the GTAP Data Base." 2016 GTAP Advisory Board Meeting, World Bank, Washington, DC, 2016.
20. "GTAP-MRIO: Introducing Differentiated Tariffs." 2016 GTAP Advisory Board Meeting, World Bank, Washington, DC, 2016.
21. "The Good, the Bad, and the Unexpected: Oil Prices and Migration from SSE Asia to the GCC." Society of Government Economists Annual Conference, U.S. Bureau of Labor Statistics, Washington, DC, 2016.
22. "Wealth and Income Accounting." Short Course in Dynamic Global Trade Analysis, Purdue University, West Lafayette, IN, 2015.
23. "Worker Health and International Trade." 8th Annual Midwest Graduate Student Summit on Applied Economics, Regional and Urban Studies, Purdue University, West Lafayette, IN, 2015.

24. “Improving the Representation of the U.S. in the MyGTAP Model with the disaggregation of Labor and Households.” 17th Annual Conference on Global Economic Analysis, Dakar, Senegal, 2014.
25. “Enriching U.S. labor results in a multi-regional CGE model—an update.” Labor and Trade Group, U.S. International Trade Commission, Washington, DC, 2012.
26. “Enriching U.S. Labor Results in the GTAP framework – a Multi-Regional CGE Model.” Society of Government Economists Annual Conference, George Washington University, Washington, DC, 2012.
27. “Disaggregating the U.S. Labor Statistics in GTAP Data and Applications.” Research Briefing, U.S. International Trade Commission, Washington, DC, 2012.