

# Irene Garcés-Iriarte

PH.D. CANDIDATE · ECONOMICS

World Trade Institute, University of Bern, Hallerstrasse 6, Bern, Switzerland

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## Education

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### World Trade Institute (WTI), University of Bern

PH.D. CANDIDATE IN ECONOMICS

Switzerland

Mar 2019 - present

- Title: "Essays on the heterogeneous effects of trade policies"
- Ph.D. courses at Innsbruck University, University of Bern, and WTI. GPA: 5.82/6
- Advisors: Prof Dr. Joseph Francois and Dr. Octavio Fernández-Amador

### Carlos III University of Madrid

MSC IN ECONOMIC DEVELOPMENT AND GROWTH

Spain

Sep 2016 - Oct 2017

- Advisor: Prof Dr. Esteban Nicolini. GPA: 8.0/10

### University of Zaragoza

BSC UNDERGRADUATE DEGREE WITH HONORS IN ECONOMICS

Spain

Sep 2012 - Sep 2016

- Final prize of the promotion, GPA: 8.36/10
- Advisor: Prof Dr. Gregorio Giménez-Esteban

## Professional Experience

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- 2021 - 2023 **Lecturer**, World Trade Institute, University of Bern, Switzerland
- 2017 - 2019 **Economic consultant**, Management Solutions S.A., Spain, and Norway
- 2015 - 2016 **Research Intern**, awarded national grant by the Ministry of Education. University of Zaragoza, Spain
- 2015 - 2015 **Internship at customer and treasury departments**, Grupo Pikolin S.A., Zaragoza, Spain

## Working papers

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**Fernández-Amador, O., Garcés, I. (2023)**, "Modeling heterogeneous direct and third-country effects of the trade policy network", Mimeo. Bern: World Trade Institute, University Bern.

Abstract - Job market paper: This paper presents a structural Melitz-type gravity model with firm heterogeneity featuring heterogeneous trade cost elasticities to estimate modular effects of trade agreements. We provide a structural underpinning for heterogeneous third-country—trade diversion and reverse diversion—effects. The correct estimation strategy when using approximated multilateral resistances in panels is shown. We analyze the components of the indirect effects of agreements, and two simulations highlight the quantitative importance of indirect effects. Third-country effects from the network of agreements in place can be economically significant. Governments should consider third-country effects when analyzing potential strategic integration scenarios.

**Garcés, I., Vogt, A. (2023)**, "Patterns of regulatory differences in international trade: intensity coverage and structure", Mimeo. Bern: World Trade Institute, University Bern.

Abstract: With falling tariffs, the role of regulatory heterogeneity in international trade has become central in recent debates on regional integration and trade costs. However, few studies explicitly take into account the specific nature of the underlying regulatory differences. We propose distinguishing regulatory heterogeneity with respect to the intensity, coverage, and structure of regulations, and present indicators reflecting each one of these dimensions. Enabled by detailed product-level regulatory data based on coded reviews of national legislation, we illustrate the different channels of regulatory heterogeneity at the country- and sector- level. The findings motivate separate treatment of the different heterogeneity dimensions in the assessment of non-tariff measures in international trade. All indicators are made available in a database at different sectoral aggregations that can be used for descriptive and empirical work.

**Garcés, I., Vogt A. (2023)**, “Global value chain integration and non-tariff measures”, forthcoming in Economics Letters

**Abstract:** This paper investigates to what degree domestic value added embodied in gross trade determines the formation of non-tariff measures (NTMs) imposed at the border and regulatory differences in technical regulation. We apply a recently developed political economy model of trade policies and global value chains to indicators of NTM restrictiveness. Our results demonstrate that higher domestic value-added content in imports lowers policymakers’ incentives to impose trade-restrictive NTM policies in a similar way as tariffs. These effects are heterogeneous with respect to sectors and income groups of the policy-imposing country.

**Egger, P., Francois, J.F., Garcés, I., Manchin, M. (2023)**, “Quantifying the costs of European disintegration: a computable general equilibrium (CGE) analysis”, Mimeo. Bern: World Trade Institute, University Bern.

**Abstract:** We develop an analytical/empirical framework bridging the decision under uncertainty and recent gravity-based empirical trade literature. We examine the impact of policy uncertainty on services trade, focusing on binding overhang (the gap between market access commitments and actual applied policy). The government’s ability to change policies within this gap yields uncertainty for firms regarding market access. Results point to average services trade costs averaging from 6.66% (high-income countries) to 8.51% (low and middle-income countries) and negative average trade volume effects (58.87%-75.22%) due to existing binding overhang. This is comparable to estimates of other regulatory barriers to trade.

## Ph.D. courses

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- 2019-2023 **Econometrics of trade and investment policy; Economic Network Analysis; Applied General Equilibrium; CGE modeling in GAMS; Globalization, labor markets, and inequality; Gravity models and panel econometrics**, WTI, University of Bern
- 2021 **GTAP-Short course in global trade analysis**, Purdue University, United States of America
- 2019-2020 **Ph.D. courses in microeconomics, macroeconomics, and econometrics. GPA: 1/1**, Innsbruck University, Austria

## Awards, Fellowships, & Grants

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- 2019-2023 **Graduate Research Fellowship**, Swiss National Science Foundation
- 2023 **Award for the best research paper presented by a young scholar at XXIV-Conference on international economics for my job market paper (see above)**, Alcalá de Henares Spain. Spanish Association of International Economics and Finance (AEEFI)
- 2016 **Final prize of the promotion, Bachelor in economics**, University of Zaragoza
- 2016 **Grant for a summer school in big data and digitalization**, Afi, escuela de finanzas
- 2015-2016 **Research grant awarded a national grant by the Spanish Ministry of Education**, Spain

## Presentations

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- XXV-Applied economics meeting, 2023** - Toledo, Spain, Asociación libre de economía (Alde)
- XXIV-Conference on international economics, 2023** - Alcalá de Henares Spain, Spanish Association of International Economics and Finance (AEEFI)
- XXIV Annual conference of European trade study group (ETSG),2023**, University of Surrey, United Kingdom
- Workshop on Trade Policy Research Network Workshop Global Governance, Social Welfare, and Inclusive Trade Policy, 2023**, European University Institute, Florence, Italy
- The Brown Bag Seminars – Business & Economics – (BBS), 2023** - University of Zaragoza, Spain
- World Trade Institute, Ph.D colloquiums 2021, 2022, 2023**- University of Bern, Switzerland
- Brown Bag seminar series**, University of Bern, 2023 Switzerland.
- Galbino research trade policy retreat, 2019, 2022, 2023** Padova, Italy
- Attendance and organization of the ETSG and World Trade Forum, 2019**, University of Bern, Switzerland

## Teaching Experience

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2021- 2023	<b>Microeconomics at Master in Law and Economics (MILE)</b> , Lecturer	<i>World Trade Institute</i>
June 2023	<b>Econometric analysis of trade policy with a focus on trade remedies in the applied trade policy modeling (TRADEMOD) program</b> , Teaching Assistant	<i>World Trade Institute</i>
June 2022	<b>Econometric analysis of trade policy at applied trade policy modeling (TRADEMOD) program</b> , Teaching Assistant	<i>World Trade Institute</i>
Sept. 2022	<b>Working with trade data in the capacity building program for the trade ministry of Saudi Arabia</b> , Teaching Assistant	<i>World Trade Institute</i>

## Outreach & Professional Development

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2022-2023	<b>Brown Bag seminars in Economics, Law and political science organization</b> , World Trade Industry
2020- Present	<b>Professional orientation for high school students</b> , Ejea de los Caballeros, Spain
2018	<b>Volunteering in India with disabled children</b> , at Mother Theresa's and children at risk of exclusion at New Light NGO
2016-2017	<b>Graduate Student Association</b> , Committee Member. University of Zaragoza, Spain
2008-2016	<b>Volunteering with disabled children and horses</b> , in Fundación Caballos de Martincho Farasdués, Spain

## Languages and Software

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**Languages:** Spanish (native) , English (advanced, IELTS C1), French (intermediate, DELF B2), German (basic, A2)

**Software:**

- *Statistical Programming:* STATA (advanced), R (advanced), E-views (intermediate)
- *Economic modelling:* GEMPACT (advanced), GAMS (intermediate);
- *Other:* Latex (advanced), Microsoft Office (advanced)

## References

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**Prof. Dr. Joseph Francois:** Ph.D. Supervisor. Professor of International Economics. Managing Director at the World Trade Institute, University of Bern, Switzerland

**Dr. Octavio Fernández-Amador:** Ph.D. Co-supervisor. Senior Postdoctoral Researcher at World Trade Institute, University of Bern, Switzerland

**Prof. Dr. Douglas Nelson:** Professor of Economics at Tulane University, New Orleans, United States of America

**Prof. Dr. Carmen Fillat-Castejón:** Professor of International Economics at University of Zaragoza, Spain