

CARLOS GÓES

PhD Candidate in Economics, University of California–San Diego — U.S. Permanent Resident

FIELDS OF INTEREST

Macroeconomics and International Trade (Primary); Development Economics (Secondary)

EDUCATION

Ph.D. in Economics, *University of California, San Diego* 2018 - present

Committee: Marc Muendler; Valerie Ramey; Johannes Wieland; Kyle Handley; Fabian Trottner; Fabian Eckert.

Research Assistant: Marc Muendler; Gordon Hanson; Paul Niehaus + Tom Vogl.

M.A. in Economics, *University of California, San Diego* 2018 - 2020

M.A. in Int'l Economics & Int'l Relations (Dual Degree), *Johns Hopkins University* 2011 - 2013

TEACHING EXPERIENCE

Associate-In (in charge of Instruction) —UC San Diego

Undergraduate Intermediate Macroeconomics (Growth).

PhD Level Teaching Assistant —UC San Diego

Macroeconomics A (Growth), First-Year Macro Sequence (x2).

Masters Level Teaching Assistant —Johns Hopkins University

Time Series Econometrics (x2).

Undergraduate Level Teaching Assistant —UC San Diego

Macroeconomics: Intermediate Macro (x4).

International: Int'l Trade (x4); Globalization (x3); Int'l Monetary Relations (x2).

Microeconomics: Principles of Micro; Public Policy.

RELEVANT POSITIONS HELD

Consultant (Remote), *World Bank, Washington, D.C.* Jan 2022 - June 2023

Manager: Gladys Lopez-Acevedo (UVA PhD)

Research Economist (Remote), *World Trade Organization, Geneva, Switzerland* May 2020 - Jan 2022

Managers: Bob Koopman (Chief Econ, Boston College PhD) & Eddy Bekkers (Rotterdam PhD)

Senior Economic Advisor, *Office of the President of Brazil, Brasília, Brazil* Apr 2017 - Aug 2018

Manager: Secretary Hussein Kalout (Chief Advisor to the President)

Research Analyst, *International Monetary Fund, Washington, D.C.* Jun 2013 - Mar 2017

Managers: Alfredo Cuevas (Princeton PhD) & Antonio Spilimbergo (MIT PhD)

SCHOLARSHIPS AND AWARDS

Cindy Vojtech Prize in Economics, *UC San Diego* 2023

IHS Accelerator Grant \$5,000, *Institute for Humane Studies* 2023

Humane Studies Fellowship, *Institute for Humane Studies* 2021

Regents Fellowship, *UC San Diego* 2018 - 2019

Class of 1987 & Marie Kraus Fellowships, *Johns Hopkins* 2011-2012

Chancellor Award, Best Student of the Class of 2010, *University of Brasília* 2011

LANGUAGES

Human: Portuguese (native), English (fluent), Spanish (fluent).

Machine: Python (fluent), STATA (fluent), Julia (advanced), Eviews (advanced), Matlab (intermediate high), R/tidy (intermediate), SQL (elementary).

WORKING PAPERS

Trade, Growth, and Product Innovation Can economic integration induce product innovation? This question can shed light on the elusive relationship between trade and growth. Opposing mechanisms point to different directions: specialization and selection forces induce a decrease in the number of produced goods while increased market access incentivizes growth in the number of produced varieties. I propose a new quantitative framework that features trade by comparative advantage, endogenous growth, and innovation in differentiated varieties i.e., it integrates the opposing forces of specialization and market size. This model encompasses an arbitrary number of asymmetric countries and nests the Eaton-Kortum model of trade and the Romer growth model as special cases. I provide an analytical expression for dynamic gains from trade and show that its static and dynamic components operate through contrasting causal channels, representing the forces of specialization and market access, respectively. I show that in this framework increased market access is related to a higher growth rate for a particular country and that, in cases where the model is solvable analytically, the steady-state equilibrium product innovation growth rate increases as countries open up to foreign trade. Finally, I test the dynamic mechanism exploiting the 2004 Eastwards expansion of the European Union. When Eastern European countries joined the EU, they had immediate access to a set of previously existing trade agreements they did not get to negotiate. Using product-level variation and trade-and-production matched data, I show that a plausibly exogenous increase in market access increases the probability of starting production of and exporting a given product.

Tax Multipliers in the United States: a Regional Perspective (with E. Briganti & V. Sellemi). We use IRS fiscal income tabulations to construct a novel dataset of fiscal income distribution for each county and use those distributions in a shift-share approach to estimate the event-specific tax multiplier of all major federal income tax reforms in America.

The Impact of Geopolitical Conflicts on Trade, Growth, and Innovation (with E. Bekkers). Geopolitical conflicts have increasingly been a driver of trade policy. We study the potential effects of global and persistent geopolitical conflicts on trade, technological innovation, and economic growth. In conventional trade models the welfare costs of such conflicts are modest. We build a multi-sector multi-region general equilibrium model with dynamic sector-specific knowledge diffusion, which magnifies welfare losses of trade conflicts. Projected welfare losses for the global economy of a decoupling scenario can be drastic, as large as 15% in some regions

JOURNAL ARTICLES

Pairwise difference regressions are just weighted averages. *Nature's Scientific Reports*. 11-23044, 2021.

Filling the Gap: Infrastructure Investment in Brazil, (with M. Garcia-Escribano, and I. Karpowicz). *Journal of Infrastructure, Policy and Development*. Vol 2 Issue 2, 2018.

Determinants of Infrastructure and its Financing, (with A. Cuevas, V. Cerra et al). *Emerging Market Studies*. v. 3-1, p. 1-22, 2017.

Institutions and growth: A GMM/IV Panel VAR approach. *Economics Letters*. v. 138, p. 85-91, 2016.

Domestic market integration and the law of one price in Brazil, (with T. Matheson). *Applied Economics Letters*. v. 23, p. 1-5, 2016.

MISCELLANEOUS

Refereeing: Journal of Development Economics; Journal of Economic Inequality; Public Choice; Economics Modeling.

Google Scholar Citations: 410.