

# Alvaro Silva

Department of Economics  
University of Maryland  
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**Research Interests:** (International) Macroeconomics and Trade

## Education

*University of Maryland College Park*

Ph.D. in Economics, 2018 – May 2024 (Expected)

M.A. in Economics, 2020

*Universidad de Concepción, Chile*

M.Sc. in Applied Economics (with honors), 2016

B.Sc. in Economics (with honors), 2013

## Working Papers

“Commodity Price Shocks and Production Networks in Small Open Economies”  
with Petre Caraiani, Jorge Miranda-Pinto, and Juan Olaya-Agudelo

“Startup Employment and Career Trajectories”  
with Gonzalo García-Trujillo and Nathalie González-Prieto

## Work in Progress

“Unpacking Inflation in Small Open Economies”

“Sectoral Working Capital Constraints and Aggregate Productivity”

“Commodity Price Shocks, Production Networks, and Aggregate Output: The Role of Financial Frictions”  
with Alvaro Castillo, Luis F. Céspedes, and Jorge Miranda-Pinto

## Published and Forthcoming Papers

“Business Cycle Asymmetry and Input-Output Structure: The Role of Firm-to-Firm Networks”  
with Jorge Miranda-Pinto and Eric R. Young  
*Journal of Monetary Economics*, 137, 1–20, 2023

“Quantifying the Inflationary Impact of Fiscal Stimulus Under Supply Constraints”  
with Julian di Giovanni, Şebnem Kalemli-Özcan, and Muhammed A. Yıldırım.  
*AEA Papers & Proceedings*, 113, 76–80, 2023

“Global Supply Chain Pressures, International Trade and Inflation”  
with Julian di Giovanni, Şebnem Kalemli-Özcan, and Muhammed A. Yıldırım.  
*Conference Proceedings ECB Forum: Challenges for Monetary Policy in a Rapidly Changing World*, 2022

## Pre-Ph.D Publications

“Price Controls, Hyperinflation, and the Inflation-Relative Price Variability Relationship”  
with Rodrigo Cerda and Rolf Lüders.  
*Empirical Economics*, 61(4), pp. 1725–1748. 2021

“Impact of Economic Uncertainty in a Small Open Economy: The Case of Chile”  
with Rodrigo Cerda and José Tomás Valente.  
*Applied Economics*, 50(26), pp. 2894 - 2908. 2018

“Towards Measuring Economic Policy Uncertainty in Latin America: A First Little Step”  
*Latin American Policy Journal*, Volume 7, Spring: pp. 68-73. 2018

“School Funding in Chile”  
with Sergio Urzúa  
In *Ideas en Educación II: Definiciones en Tiempos de Cambio*, Chapter 7 (In Spanish). 2018

## Seminar and Conference Presentations (since 2022)

### Seminars

2023 Central Bank of Brazil ( $\mathcal{O}$ ), Federal Reserve Board

2022 Bielefeld University Trade Group ( $\mathcal{O}$ )

### Conferences

2023 ASSA ( $\mathcal{C}$ ), Bank of Finland and CEPR Joint Conference on Monetary Policy in Times of Large Shocks ( $\mathcal{C}$ )

2022 NBER IFM Meeting Fall, Carnegie-Rochester-NYU Conference in Public Policy ( $\mathcal{C}$ ), NBER EFG Meeting Fall ( $\mathcal{C}$ )

$\mathcal{C}$ : coauthor presented.  $\mathcal{O}$ : online presentation.

## Relevant Experience

Aide to the Minister of Finance, Ministry of Finance, Chile, 2021

Research Assistant to Prof. Şebnem Kalemli-Özcan, University of Maryland, Fall 2020 – Spring 2023

Macro Consultant, Interamerican Development Bank (IDB) Research Department, Summer 2020

Young Researcher, CLAPES UC, PUC Chile, 2016 – 2018

Research Assistant to Prof. Rodrigo Cerda, PUC Chile, 2015 – 2016

Research Assistant to Prof. Felipe Vásquez, UdeC, 2014 – 2016

## Teaching Experience (G: Graduate, U: Undergraduate)

Instructor Introduction to Macroeconomic Theory (UdeC, G), Topics in Macroeconomics (UdeC, U), Economic Policy (UdeC, U), International Economics (UdeC, U), Time Series Econometrics (UdeC, U)

Teaching Assistant Heterogeneity in Macroeconomics (UAI Chile, G), International Economics (MBA, PUC Chile, G), Global Macroeconomic Environment (MBA, PUC Chile, G), Topics in Macroeconomics (PUC Chile, G), Topics in Applied Economics (PUC Chile, G), Macroeconomics I (UdeC, U), Macroeconomics III (UdeC, U), Economics II (UdeC, U), International Macroeconomics (PUC Chile, U)

## Fellowships and Awards

Ann G. Wylie Dissertation Fellowship, University of Maryland College Park, Fall 2023 (Scheduled)

Federal Reserve Board, Dissertation Fellow, Summer 2023

NBER Graduate Student Workshop on Heterogeneous-Agent Macroeconomics, Summer 2023

Graduate Summer Research Fellowship, University of Maryland College Park, Summer 2021

Princeton Initiative: Macro, Money, and Finance, Princeton University, 2020

Becas Chile Scholarship, ANID, Fall 2019 - Spring 2022

Graduate Assistantship, University of Maryland College Park, Fall 2018 - Spring 2023

Fellowship for RIDGE, Summer School in Economics, Uruguay, 2016

Outstanding Thesis (Highest score), M. Sc. in Applied Economics, UdeC, 2016

Graduate Student Fellowship, Universidad de Concepción, 2014 – 2016

## Others

Referee Work: *Economic Letters*, *Economía (LACEA)*, *Ecos de Economía*.

Languages: Spanish (Native), English (Fluent). Status: Married; Citizenship: Chilean; Born: 1991.

Softwares/Programming Languages: Stata, L<sup>A</sup>T<sub>E</sub>X, MATLAB, Python, Julia, and HTML.