

# Alvaro Silva

Department of Economics  
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**Research Interests:** (International) Macroeconomics and Trade, Network Economics

## 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

“Beyond the Aggregates: Unpacking Inflation in Small Open Economies”

“Commodity Price Shocks, Production Networks, and Aggregate Output: The Role of Financial Frictions”  
with Alvaro Castillo Aguilera, 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.  
Forthcoming. *Journal of Monetary Economics*, 2023.

“Quantifying the Inflationary Impact of Fiscal Stimulus Under Supply Constraints”  
with Julian di Giovanni, Şebnem Kalemli-Özcan, and Muhammed A. Yıldırım.  
Forthcoming. *American Economic Association, Papers & Proceedings*. 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.

### **Conference and Invited Seminar Presentations (since 2021)**

- 2023 ASSA (\*), Central Bank of Brazil (Scheduled).  
2022 NBER IFM Meeting Fall, U of Bielefeld Trade Group (Online), Carnegie-Rochester-NYU Conference in Public Policy (\*), NBER EFG Meeting Fall (\*), U of Maryland Macro Brown Bag, LACEA-LAMES Annual Conference (\*).  
2021 U of Maryland Macro Brown Bag, LACEA-LAMES Annual Conference (\*), U de Chile (\*), Central Bank of Chile (\*).

\* participated in conference but coauthor presented.

### **Professional Activities**

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

### **Relevant Experience**

Aide to the Minister of Finance, Ministry of Finance, Chile, March 2021 – December 2021  
Research Assistant to Prof. Şebnem Kalemli-Özcan, University of Maryland, August 2020 – Present  
Macro Consultant, Interamerican Development Bank (IDB) Research Department, June 2020 – August 2020  
Young Researcher, CLAPES UC, PUC Chile, July 2016 – July 2018  
Research Assistant to Prof. Rodrigo Cerda, PUC Chile, December 2015 – June 2016  
Research Assistant to Prof. Felipe Vásquez, UdeC, March 2014 – June 2016

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

*As Main 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)  
*As 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, 2023  
Graduate Summer Research Fellowship, University of Maryland College Park, 2021  
Princeton Initiative: Macro, Money, and Finance, *Selected Student*, Princeton University, 2020  
Becas Chile Scholarship, ANID, 2019 - 2022  
Graduate Assistantship, University of Maryland College Park, 2018 - 2023  
Fellowship for RIDGE, Summer School in Economics, *Selected Student*, Uruguay, 2016  
Outstanding Thesis (Highest score), M. Sc. in Applied Economics, UdeC, 2016  
Graduate Student Fellowship, Universidad de Concepción, 2014 – 2016

**Others**

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, EViews, Julia, and HTML.