

# Ignacia Cuevas de Saint Pierre

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Chicago, IL. — [ignacia.cdsp@gmail.com](mailto:ignacia.cdsp@gmail.com) — [LinkedIn](#) — [Personal Website](#) — 1 (202) 751 1031

## EDUCATION

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### University of Chicago

*Ph.D. in Economics, Aug 2019 – Jun 2024*

- Fields: International trade, macroeconomics, and industrial organization.

### Pontificia Universidad Católica de Chile

*M.A. in Economics, Mar 2017 – Dec 2017*

- Full scholarship; Maximum Distinction.

### Pontificia Universidad Católica de Chile

*B.A. in Business and Economics, Mar 2012 – Jul 2016*

## WORK/RESEARCH EXPERIENCE

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### Amazon.com

*Economist I, Amazon Prime Tech, Sep 2024 – Present*

Conducted econometric modeling and data analysis using simulated interventions and synthetic matching to estimate the long-term value of customer acquisition, providing strategic recommendations across teams. Quantified the impact of a proposed experiment guardrail, demonstrating that implementation would have reduced profits from launched experiments, influencing leadership's decision to maintain current testing policy. Identified and resolved discrepancies in A/B testing metrics, developing alternative treatment effect estimates that reduced metric misalignment. Partnered with different teams to implement improved measurement practices. Applied synthetic matching to estimate price elasticities and guide business teams' pricing strategy. Coordinated with multiple teams to integrate missing surrogate variables into their models and authored a standardized process to ensure ongoing model robustness. Mentored a time-series and forecasting intern, providing technical guidance and project feedback.

### Amazon.com

*Intern, Amazon Prime Tech, Jun 2023 – Sep 2023*

*Intern: Amazon Prime Tech.*

Used forecasting techniques to inform pricing strategies for decision-making.

### Amazon.com

*Intern, Amazon Prime Video, Jun 2022 – Sep 2022*

Applied time-series models to large-scale data for content investment decisions.

### University of Chicago

*Research Assistant, Sep 2020 – Oct 2021*

Research for Professor Fernando Álvarez and Professor Felix Tintelnot

Managed research assistant and worked with detailed ATM data finding a decrease in cash usage during Covid.

Checked model convergence using Matlab.

### World Bank Group

*Consultant, Office of the Chief Economist for LAC, Jan 2018 – May 2019*

Analyzed automation's impact on Latin American labor markets, finding low unemployment risk but need for up-skilling and education reform for long-term adaptability.

Conducted quantitative analysis on de-industrialization and productivity patterns using sectoral data from the Groningen Growth and Development Centre, highlighting policies to foster competition and productivity growth.

Delivered technical policy-oriented analysis used in regional economic reports.

### Pontificia Universidad Católica de Chile

*Research Assistant, Nov 2016 – Dec 2017*

*Research for Professor David Kohn and Professor Raimundo Soto, Dept. of Economics.*

Ran regressions using international trade data work.

Wrote policy proposals for growth.

### CLAPES UC

*Research Assistant, Jul 2015 – Jan 2017*

*Assisted Professor Felipe Larraín, Professor Rodrigo Cerda, and Senior Macroeconomist Juan Bravo.*

Obtained different measures of unemployment which were later added to the national unemployment statistics.

Helped proof-reading and fact-checking for book "The Economics of Contemporary Latin America".

## WORK IN PROGRESS

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**Supply chain uncertainty and diversification.** *Joint with Thomas Bourany and Gustavo González. (R&R Journal of International Economics)*

We develop a quantifiable model of sourcing with uncertainty in which firms have to choose where to source from before shocks are realized. We show that uncertainty introduces a positive option value, that favors diversification. However, country-specific uncertainty creates hedging motives for firms, yielding on net ambiguous predictions about sourcing decisions. We estimate the model on Chilean Customs data and we study how the recent increase in trade risk affected firms' sourcing strategies. We find that the observed change in sourcing patterns results from both changes in expected costs and increased risk.

## TEACHING EXPERIENCE

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### University of Chicago

*Teaching Assistant, 2021–2024*

Assisted in graduate and undergraduate courses in microeconomics, macroeconomics, and international economics, including MBA and EMBA programs.

Supported course delivery, developed teaching materials, graded, and mentored students in quantitative and applied economics topics.

### Pontificia Universidad Católica de Chile

*Teaching Assistant, 2015–2017*

Assisted in courses across econometrics, microeconomics, macroeconomics, finance, and international macroeconomics at both undergraduate and graduate levels.

Supported instructors in grading, discussion sessions, and student mentoring.

## ACADEMIC AWARDS, HONORS, AND SCHOLARSHIPS

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| • Data Acquisition Grant (\$3,000), University of Chicago  | <i>2023</i>      |
| • Social Sciences Division Fellowship, University of Chicago                                       | <i>2019–2024</i> |
| • M.A. Economics, Academic Excellence Award, Pontificia Universidad Católica de Chile              | <i>2018</i>      |
| • Academic Excellence Scholarship for Master's Studies, CONICYT Chile                              | <i>2017</i>      |
| • M.A. Economics, Maximum Distinction, Pontificia Universidad Católica de Chile                    | <i>2017</i>      |
| • M.A. Economics Thesis granted with Maximum Distinction, Pontificia Universidad Católica de Chile | <i>2017</i>      |
| • Diego Schmidt-Hebbel Prize, Best Teaching Assistant, Pontificia Universidad Católica de Chile    | <i>2017</i>      |

## SOFTWARE, LANGUAGES, & OTHERS

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*Software:* Python, PySpark, MATLAB, Julia, R, Git, Dynare, Stata, L<sup>A</sup>T<sub>E</sub>X, Excel, Power Point.

*Languages:* Spanish (Native), English (fluent), French (fluent).

*Citizenship:* Chilean and French (with H1B visa)

*Others:* Political Economy Club (PEC) co-president, 2021-2022. We organized bi-weekly social events for the Economics PhD program at the University of Chicago.