

# ALFONSO MARIN CANO

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**Research Interests:** Monetary Economics, Central Banking, Price Stability, Monetary Policy Transmission, Economic Growth, and Inflation Dynamics.

## EDUCATION

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**B.A. in Economics, UNAM (School of Economics)**    GPA 9.78/10    2021 – 2026

Intro. to Econometrics, Econometrics I & II, Macroeconomics I, II & III, Selected Topics in Macroeconomics, Time Series, Mathematics I, II, III & IV.

Thesis: “Information Effect: High-Frequency Analysis of Monetary Policy Announcements from the Bank of Mexico”

Advisor: Dr. Gerardo Esquivel Hernández.

**University of California, Berkeley**    Aug 2024 – Dec 2024

Academic Exchange (University of California Education Abroad Program)

Macroeconomics from the Great Depression to Today, Global Poverty and Impact Evaluation, Public Economics, Financial Economics.

Chess and Astronomy Clubs.

## EXPERIENCE

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**Predoctoral Research Fellow, University of St Andrews**    Jun 2025 – Currently

**Research Intern, University Program for Development Studies (PUED)**    Mar 2025 – Jun 2025

Designed and deployed an interactive viewer to browse articles produced by the program.

Cleaned and harmonized a database of 4,000+ records using JavaScript, Python, and JSON.

Collaborated in the review of academic manuscripts and outreach materials.

**Research Assistant (Historical analysis of business cycles)**    Jan 2024 – Mar 2024

Prepared historical reports on business cycles by analyzing annual reports from 1970 to 2020, with a focus on recession periods.

Conducted literature reviews on turning point identification methodologies.

Presented findings in weekly team meetings.

Project led by Mtro. Edwin Tapia, advisor to the Governing Board of the Bank of Mexico.

**Captain, School of Economics Chess Club**    Aug 2023 – Aug 2024

Led a 90-member team.

Organized four tournaments and four workshops during the period.

Increased membership by 30% through outreach strategies.

## TECHNICAL SKILLS

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**Languages:** Python, R, Julia, HTML, CSS, JavaScript

**Environments:** Matlab, Stata, Bash, EViews

**Econometrics & Statistics:** Gretl, IRIS, Wolfram

**Databases & Back-end:** SQL, Power Query, JSON

**Productivity Tools:** Git,  $\LaTeX$ , Excel (Power Query, Data Analysis Toolpak, Charting), Bash (reproducibility & Git)

## LANGUAGES

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**Spanish:** Native.

**English:** TOEFL iBT 103/120 (C1).

*Feb 2025*

**French:** B1.

## ADDITIONAL TRAINING

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Summer School in Applied Economics for Latin America (Graduate Program, UNAM). 2024

15th Summer School on Social Mobility (CEEY). 2024

Intermediate Excel and RStudio/Stata Courses (Computer Center, UNAM). 2022–2023

Coursera: Introduction to Statistics. 2022–2023

MéxicoX: How to Understand the Budget? Inequality and Public Spending. 2022–2023

## SCHOLARSHIPS & AWARDS

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**Winner, Banxico Challenge 2025** 2025

General equilibrium models, vector autoregressions, current economic conditions.

**UCEAP Mobility Scholarship** Aug 2024 – Dec 2024

Academic Exchange, UC Berkeley. \$6000 USD and full tuition coverage.

**Ex-Alumni Excellence Scholarship, School of Economics, UNAM** Aug 2023 – Aug 2024

Fellow under Prof. Enrique López Santiago.

**Maintenance Scholarship, National Autonomous University of Mexico** Jan 2022 – Aug 2022