
FRANCISCO BELTRAN-SILVA

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ACADEMIC APPOINTMENTS

California State University Northridge, Department of Economics (Northridge, California)

August 2020 to present

Assistant Professor

EDUCATION

Georgia State University (GSU), Andrew Young School of Policy Studies, Department of Economics

Ph.D., Economics, 2020

Advisors: Alberto Chong, Daniel Kreisman, Pierre Nguimkeu, and Charles Courtemanche.

M.A., Economics, 2017

Mexican Autonomous Institute of Technology (ITAM), Department of Economics

B.A. in Economics 2012, Graduated with Honors (Top 1% based on GPA)

RESEARCH

Published-Forthcoming Papers

1. “Social Media Use Frequency, Body Image, and Weight-Control Behavior Among U.S. High School Students” with Arjun Teotia and Prabuddha Prakash, *Acta Psychologica*, July 2026. [\[Link\]](#)
2. “Scrolling into Substance Use: Social Media Use Frequency and Substance Use Among U.S. High School Students” with Arjun Teotia and Prabuddha Prakash. *Drug and Alcohol Dependence Reports*, June 2026. [\[Link\]](#)
3. “Beyond Bullets: Perceived Safety and Weapon Carrying in High School Students Following Mass Shootings by Race/Ethnicity, Sex, and Age” with Arjun Teotia. *Journal of School Violence*, October 2025. [\[Link\]](#)
4. “Taxing for Healthier Beginnings: The Impact of a Major Tobacco Tax Hike on Birth Weight in Mexico” with Rodrigo Aranda. *Social Science & Medicine - Population Health*, December 2025. [\[Link\]](#)
5. “Hidden Wounds: Exploring Racial and Gender Disparities in the Impact of Mass Shooting Events on Suicide Risk Among U.S. High School Students” with Arjun Teotia. *Journal of Interpersonal Violence*, May 2025. [\[Link\]](#)
6. “Relationship Between Sex-Specific Labor Market Performance and Breastfeeding Prevalence” with Nicardo McInnis. *Journal of Human Lactation*, March 2024. [\[Link\]](#)
7. “Fighting Against Hunger: A Country-Wide Intervention and its Impact on Birth Outcomes.” *World Development*, January 2023. [\[Link\]](#)
8. “Estimation of potential revenue in the taxes on labor and capital income: a comparison between Mexico and the United States.” *Journal Remef - The Mexican Journal of Economics and Finance*, October 2014. [\[Link\]](#)

Working Papers

1. “Scrolling Into Despair: High Frequency Social Media Use, Persistent Hopelessness, and Suicide Risk Among U.S. Adolescents” *Psychiatric Research*, Revise and Resubmit.
2. “Social Media Use Frequency and Sexual Behavior Among U.S. High School Students” Under revision.
3. “Adolescent Mental Health Responses to Recreational Marijuana Legalization: Evidence of Sex-Specific Heterogeneity” with Arjun Teotia and Prabuddha Prakash. Under review.
4. “Too High to Text: Cannabis Dispensary Access and Adolescent Driving Risk” Under Review.
5. “Dynamic Effects of Medicaid Expansion on Access to Care for Low-Income Adults with Chronic Conditions” Under Review.
6. “Marijuana Legalization, Dispensary Access, and Breastfeeding Outcomes in the United States” with Arjun Teotia and Allisa Vanderziel. Under review.
7. “From Conflict Zones to Waistlines: Military Interventions, Safety Concerns, and Weight-Related Outcomes Changes in Mexican Adults.”
8. “Cannabis Liberalization and Adolescent Suicide Ideation: Causal Evidence Using a Synthetic Control Approach”
9. “Cigarette Package Health Warnings and Birth Related Outcomes: Evidence from Mexico” With Rodrigo Aranda and Ali Enami.
10. “Hot Days, Hidden Work: Heat Shocks and Informality in Mexico.”

Work in Progress

1. "Effects of Trade Liberalization, Health and Aging in Mexico" with Rodrigo Aranda and Ali Enami.
2. "Intergenerational impact of mandatory education on birth outcomes: evidence from a major educational reform in Mexico." With Will Davis
3. "Hedonic Price Analysis of specialty coffee auctions from 2013 to 2025." With Ana Beltran, Will Davis and Kalyn Coatney.
4. "Exploring Racial and Gender Disparities in Self-Reported Mental Health Following Mass Shooting Events."
5. "Social Media Use Frequency, Interpersonal Violence, and Weapon Carrying Among U.S. Adolescents" with Arjun Teotia and Prabuddha Prakash.

OTHER PROFESSIONAL EXPERIENCE

Vollers Group, V-Auction (Germany) Remote

August 2025 to present Associate Researcher (Consultant)
 +Partnership with the V-Auction, a specialty coffee auction platform
 +Utilizing [Python/R] to clean, process, and model historical auction data.
 +Quantitative analysis on large-scale auction datasets to uncover bidding trends and market dynamics.

Georgia State University, Department of Economics (Atlanta, Georgia)

August 2016 – May 2020 Graduate Research Assistant
 +With Dr. Alberto Chong on Development and Public Economics
 August 2015 – July 2016 Graduate Research Assistant
 +With Dr. Garth Heutel on Environmental Economics

Ministry of Finance, Department of the Treasury, Operations Unit (Mexico City, Mexico)

May 2014 – June 2015 Deputy Director, Statistics Division
 + Conducted statistical analyses on federal subsidies, pensions, and payrolls using R
 + Monitored payment trends to support timely decision-making
 + Designed and automated reports for payment system monitoring
 + Liaised with representatives from Federative Entities

Ministry of Finance, Under Ministry of Revenues, Fiscal Policy Unit (Mexico City, Mexico)

March 2013 – April 2014 Deputy Director, Tax Analysis Division
 +Estimated and scheduled public sector revenues using SAS
 +Evaluated fiscal policy impacts on tax collection
 +Applied statistical and econometric techniques for revenue forecasting
 + Contributed to quarterly public finance reports
 +Special project: "Distribution of tax payments and receipt of public spending by deciles of households and people. Results for the year 2012."
 June 2012 – February 2013 Head of Department, Foreign Trade
 +Analyzed tax measures' impact on foreign trade revenue using R and SAS
 +Assisted in publishing tax regulations in the Official Gazette
 +Collaborated with international organizations on research efforts
 + Managed and developed databases using customs data
 May 2011 – May 2012 Advisor and Junior Researcher, Tax Analysis Division
 + Conducted macroeconomic analysis and policy assessments using Visual Basic
 +Collaborated with international organizations on technical documents
 +Prepared presentations and support materials for Congressional meetings
 + Coordinated the Income Policy Seminar for the Undersecretary of Revenues
 +Special project: "The Flat Rate Business Tax (IETU): A diagnosis three years after its implementation"

Protego Brokerage Firm then Evercore Partners Mexico (Mexico City, Mexico)

January 2010 – April 2011 Analyst, Risk Analysis Unit
 +Analyzed market risk, portfolio performance, and macroeconomic trends
 +Supported client relations addressing inquiries and preparing presentations
 +Organized databases and automated reporting processes using Visual Basic macros

TEACHING EXPERIENCE

Assistant Professor, California State University

August 2020 – Present +Labor Economics: Fall semesters 2022–2025 (In-person); Economic Development: Fall 2020–Spring 2021 (*Online*), Spring semesters 2022–2026 (*In-person*); Principles of Microeconomics: Fall 2020–Fall 2021 (*Online*), Spring 2022–Spring 2024 (In-person), Fall 2024 (*Online*), Spring 2025–Spring 2026 (*In-person*).

Instructor, Georgia State University

January 2019 – July 2019 +Principles of Microeconomics (Summer 2019); Principles of Macroeconomics (Spring 2019)

HONORS AND AWARDS

BGS Professor of the Year, California State University Northridge, Beta Gamma Sigma (2025)
 22 – 23' Distinguished Teaching – Tenure and Tenure Track award, California State University Northridge (2024)
 Caroline Keels Endowment Award, Georgia State University (2019)
 University Doctoral Fellowship, Second Century Initiative (2CI), Georgia State University (2016 to 2020)
 Scholarship from the Mexican National Council on Science and Technology (CONACYT) (2015 to 2020)
 Second place in applied research papers of the 2012 IMEF - Ernst & Young Financial Research Award (2012)
 First place in Ex ITAM Research Award 2012 for the best bachelor thesis in Economics (2012)
 Scholarship for Academic Excellence at ITAM (2006-2011)

AFFILIATIONS

American Society of Hispanic Economists, 2023 – Present
 UCLA California Center for Population Research, 2023 – Present

TEACHING TRAINING

Praxis Community, Spring 2025, Faculty Development and Institutional Research
 Praxis Community, Fall 2023, Faculty Development and Institutional Research
 Promoting Active Learning, Spring 2023, ACUE
 Inclusive Teaching for Equitable Learning, Summer 2022, ACUE
 Equity Gap Workshop, Spring 2022, CSUN, Faculty Development
 Effective Online Teaching Practices + Certificate in Effective College Instruction, Spring 2022, ACUE and ACE
 Winter eLearning Institute program, Winter 2020, CSUN, Faculty Development
 Get Up to Speed with Online Teaching program, Summer 2020, CSUN, Faculty Development
 Online Teaching Certificate, Summer 2019, GSU, Center for Excellence in Teaching & Learning
 College-Level Teaching Course, Spring 2018, GSU, Department of Economics
 Starting at the End: Using Backwards Design to Create a Course Syllabus, Spring 2018, GSU, Center for Excellence in Teaching & Learning

TEACHING CONFERENCES ATTENDED

March 2023 CENGAGE (Los Angeles, California)
 + NETA Revisited: A Virtual Economics Teaching Conference
 October 2021 CENGAGE (Los Angeles, California)
 + Virtual Economics Teaching Conference
 October 2020 CENGAGE (Los Angeles, California)
 + Virtual Economics Teaching Conference

PRESENTATIONS

Southern Economic Association Annual Meetings, Tampa, FL, November 2025
 Chartered Property Casualty Underwriter Society, California El Camino Chapter, Online, October 2024
 American Society of Health Economists Annual Conference, Atlanta, GA, June 2018
 Southern Economic Association Annual Meetings, Washington, DC, November 2018
 Southern Economic Association Annual Meetings, Tampa, FL, November 2017

SOFTWARE SKILLS

Stata (Expert), R (Expert), SAS, MATLAB, Python, LATEX

PROFESSIONAL SERVICE

Journal of School Violence (Journal), Referee, 2025 – Present
 SN Social Sciences (Journal), Referee, 2020 – Present
 College Awards and Grants Committee, CSUN, 2021 – 2023 (Chair from 2021 – 2022)
 Journal of Mental Health Policy and Economics (Journal), Referee, 2021 – 2022
 Applied Economics (Journal), Referee, 2019 – 2020

ADDITIONAL COURSES

February 2024	LinkedIn Learning (Online) + The Data Science of Experimental Design
July 2021 – October 2021	UNCF, Excelencia in Education, and the Coleridge Initiative (Online) +Leveraging Big Data to Achieve Equity

ADDITIONAL INFORMATION

Languages: Spanish (native), English (fluent), and French (basic)
 Hobbies: Piano, music composition, and beach volleyball