

FRANCISCO A. CASTELLANOS-SOSA

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EDUCATION

University of Texas at Austin, Austin, Texas

PhD in Public Policy
MSc in Economics

August 2020 –
May 2019

Harvard University, Online

Data Science (Professional Certificate)

January 2021 –

Tecnológico de Monterrey (ITESM - EGAP), Monterrey, México

MA in Economy and Public Policy

December 2014

Universidad Autónoma de Nuevo León (UANL), Monterrey, México

BA in Economics

December 2012

TEACHING EXPERIENCE

Texas A&M University, Bush School of Government and Public Service, College Station, Texas

Lecturer

January 2020 – May 2021

Graduate level (Master of International Affairs program)

Fundamentals of the Global Economy (Spring 2020, Spring 2021)

Universidad del Valle de México (UVM), Department of Business, Monterrey, México

Assistant Professor

January 2016 – May 2017

Graduate level (MBA program)

Econometric Models (Spring 2016)

Money and Capital Markets (Fall 2016, Spring 2017)

Economics for Business (Spring 2017)

Quantitative Methods for Business (Spring 2017)

Undergraduate level (Business program)

International Economics (Fall 2016)

Microeconomics (Fall 2016)

Macroeconomics (Fall 2016)

RESEARCH INTERESTS

Income Inequality | Labor Economics | Public Policy | International Trade | Development

PUBLICATIONS (PEER-REVIEWED)

Flores-Segovia, Miguel and **Castellanos-Sosa, Francisco A.** 2021. "Proximity effects and labour specialization transitions in Mexico: a spatial Markov chain analysis" *Regional Studies*, 55(4), 575-589

Castellanos-Sosa, Francisco A. 2020. "Labor productivity convergence in Mexico" *International Journal of Political Economy*, 49(3), 243-260

Cabral, René and **Castellanos-Sosa, Francisco A.** 2019. "Europe's income convergence and the latest global financial crisis" *Research in Economics*, 73(1), 23-34

RESEARCH TO REVISE AND RESUBMIT

Pérez, Marco and **Castellanos-Sosa, Francisco A.** "Political budget cycles: The role of candidate selection" *Estudios Económicos*

RESEARCH UNDER REVIEW

Castellanos-Sosa, Francisco A., Cabral, René and Mollick, André Varella "Energy reform and energy consumption convergence in Mexico: A spatial approach"

RESEARCH IN PROGRESS

"Estimating lost profits from patent infringement: A test on the duopoly/monopoly approach for the last two decades' cases", with Stephen P. Magee

"Fear of deportation? Uncovering the labor market effects of Secure Communities", with Ana Canedo

"Spatial spillovers of international trade"

RESEARCH EXPERIENCE

University of Texas at Austin, McCombs School of Business, Austin, Texas

Research Assistant

September 2017 - Present

Analyzed effects of the recent global currency war

Measured theoretical lost profits due to patent infringement

Examined physician supply effects of the 2003 Texas medical malpractice reforms

Investigated implications of capitalization and globalization in manufacturing industries

Instituto de Estudios en Gobierno y Finanzas Públicas (IEGFIP), Monterrey, México

Executive Coordinator of Economic Research

June 2016 – August 2017

Developed budget programs for Nuevo León's state government

Trained Nuevo León's state secretariats on federal fiscal procedures

Evaluated multiple social and public programs across the country

Tecnológico de Monterrey (ITESM), Instituto para el Desarrollo Regional (IDR), Monterrey, México

Projects Specialist

April 2015 – May 2016

Constructed economic development plans for Dominican Republic

Updated México's states competitiveness index

Designed Competitiveness agendas for different México's states

Identified subnational strategic economic sectors

Tecnológico de Monterrey (ITESM), School of Government and Public Policy, Monterrey, México

Research Assistant

January 2013 – December 2014

Compiled extensive survey data to conveyed microsimulations

Performed impact evaluation of social programs and federal funds

Universidad Autónoma de Nuevo León (UANL), School of Economics, Monterrey, México

Research Assistant

July 2012 – December 2012

Collected financial and stock market data

Conducted econometric analysis

CONFERENCES / PRESENTATIONS

The 94th Annual Conference of the Western Economic Association International, San Francisco, California	June 2019
European Central Bank Forum on Central Banking, Sintra, Portugal	June 2019
The 47th Annual Conference of the Mid-Continent Regional Science Association, Charlotte, North Carolina	June 2016
The 52nd Annual Meetings of the Public Choice Society, San Antonio, Texas	March 2015
The 89th Annual Conference of the Western Economic Association International, Denver, Colorado	June 2014
The 51st Annual Meetings of the Public Choice Society, Charleston, South Carolina	March 2014
The 2nd International Seminar: Analysis and Impact of Public Policies, Ciudad de México, México	September 2013

HONORS / AWARDS

The University of Texas at Austin

Barbara Jordan Professional Development Fund	January 2021 – May 2021
Graduate Dean's Prestigious Fellowship Supplement	September 2017, 2018, 2019, 2020
Department of Economics Fellowship	September 2017 – August 2019

CONACYT (National Council of Science and Technology)

Stipendship for doctoral studies (ConTex Doctoral Fellowship)	September 2017 – May 2022
Stipendship for master's studies	January 2013 – December 2014

Tecnológico de Monterrey (ITESM - EGAP)

Scholarship for master's studies	January 2013 – December 2014
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PROFESSIONAL AFFILIATIONS

American Economic Association
Association for Public Policy Analysis & Management
Public Choice Society
Mid-Continent Regional Science Association
Western Economic Association International

CERTIFIED ONLINE COURSES

Statistics and R (HarvardX) | R Programming (Johns Hopkins University) | Python for Data Science and AI (IBM) | Academic Research (Laureate Network Office) | Evaluating Social Programs (MITx) | Macroeconometric Forecasting (IMFx) | Academic and Business Writing (BerkeleyX) | Urban Development and Housing (IDBx) | Statistical Thinking for Data Science and Analytics (ColumbiaX) | Introduction to Managing for Development Results (IDBx) | Social and Economic Networks: Models and Analysis (Stanford Online) | From Poverty to Prosperity: Understanding Economic Development (OxfordX) | Public Policy Challenges of the 21st Century (University of Virginia) | Moral Foundations of Politics (Yale)

OTHER

Fully bilingual in English and Spanish
Econometrics & Data Science (R, Stata, Python, Matlab)