

FRANCISCO A. CASTELLANOS-SOSA

The University of Texas at Austin
Lyndon B. Johnson School of Public Affairs
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EDUCATION

Ph.D., Public Policy, The University of Texas at Austin	Exp. 2022
Data Science Professional Certificate, Harvard University	Exp. 2021
M.Sc., Economics, The University of Texas at Austin	2019
M.A., Economy and Public Policy, Tecnológico de Monterrey (ITESM)	2014
B.A., Economics, Universidad Autónoma de Nuevo León (UANL)	2012

RESEARCH AND TEACHING INTERESTS

Labor Economics, Public Economics, International Political Economy, International Trade, Latin American Political Economy, Quantitative Research Methods, Applied Econometrics, Data Science

PEER-REVIEWED PUBLICATIONS

- (3) 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
- (2) **Castellanos-Sosa, Francisco A.** 2020. “Labor productivity convergence in Mexico” *International Journal of Political Economy*, 49(3), 243-260
- (1) 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*

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

RESEARCH IN PROGRESS

Magee, Stephen P. and **Castellanos-Sosa, Francisco A.** “Estimating lost profits from patent infringement: A test on the duopoly/monopoly approach for the last two decades' cases”

Castellanos-Sosa, Francisco A. and Canedo, Ana “Fear of deportation? Uncovering the labor market effects of Secure Communities”

Castellanos-Sosa, Francisco A. “Spatial spillovers of international trade”

Castellanos-Sosa, Francisco A. “Spatial income inequality in the United States”

TEACHING EXPERIENCE

- Tecnológico de Monterrey (ITESM), EGADE Business School** 2021 –
Professor of Practice
Graduate level (Online MBA program)
Statistics / Analytical Foundations of Business (2nd, 4th Quarters 2021)
- Texas A&M University, Bush School of Government and Public Service** 2020 –
Lecturer
Graduate level (Master of International Affairs program)
Fundamentals of the Global Economy (Spring 2020, 2021, 2022)
- Universidad del Valle de México (UVM), Department of Business** 2016 – 2017
Assistant Professor
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 EXPERIENCE

- University of Texas at Austin, McCombs School of Business** 2017 –
Research Assistant
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)** 2016 – 2017
Executive Coordinator of Economic Research
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)** 2015 – 2016
Projects Specialist
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** 2013 – 2014
Research Assistant
Compiled extensive survey data to conveyed microsimulations
Performed impact evaluation of social programs and federal funds

CONFERENCES / PRESENTATIONS

- “Europe’s income convergence and the latest global financial crisis” with René Cabral
Accepted and presented at:
The 94th Annual Conference of the Western Economic Association International (San Francisco, California) 2019
European Central Bank Forum on Central Banking (Sintra, Portugal) 2019
- “Regional specialization transitions and technological intensity in Mexico’s manufacturing industry” with Amado Villarreal, and Miguel Flores
Accepted and presented at:
The 47th Annual Conference of the Mid-Continent Regional Science Association (Charlotte, North Carolina) 2016
- “Democracy and economic growth: Analysis by regions, country groups and income level “
Accepted and presented at:
The 52nd Annual Meetings of the Public Choice Society (San Antonio, Texas) 2015
- “On the effects of policy responsiveness on economic growth: Evidence from democratic nations” with Marco Pérez
Accepted and presented at:
The 89th Annual Conference of the Western Economic Association International (Denver, Colorado) 2014
- “Conditional political budget cycle: Evidence from democratic nations” with Marco Pérez
Accepted and presented at:
The 51st Annual Meetings of the Public Choice Society (Charleston, South Carolina) 2014
- “Evaluability of the 'Microenterprises' Impulse' program” with Araceli Ortega
Accepted and presented at:
The 2nd International Seminar: Analysis and Impact of Public Policies (Ciudad de México, México) 2013

HONORS / AWARDS

- Institute for Human Studies at George Mason University**
Human Studies Fellowship 2022
- The University of Texas at Austin**
Barbara Jordan Professional Development Fund 2021
Graduate Dean’s Prestigious Fellowship Supplement 2017 – 2021
Department of Economics Fellowship 2017 – 2019
- CONACYT (National Council of Science and Technology)**
Stipendship for doctoral studies (ConTex Doctoral Fellowship) 2017 – 2022
Stipendship for master’s studies 2013 – 2014
- Tecnológico de Monterrey (ITESM – EGAP)**
Scholarship for master’s studies 2013 – 2014

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) | Macroeconomic 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)

REFERENCES

F. Gregory Gause, III

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Department of International Affairs
Texas A&M University
gregory.gause@tamu.edu

Rene Cabral

Director and Associate Professor
Department of Finance and Business Economics
EGADE Business School
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Stephen P. Magee

Bayless/Enstar Chair in Business Administration
Department of Finance
The University of Texas at Austin
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