



Academic Degrees

- PhD in Economics from the University of Pennsylvania.
- Master of Economics from the University of Pennsylvania.
- B.A. in Economics from the Autonomous Technological Institute of Mexico (Highest Honors).

Other studies:

- Certified Investment Strategy Advisor.

Managerial Background

- Founding Partner and General Director of Quantor Advisors (Asset Management).
- Founding Partner of Pondera (Big Data & Analytics).
- Senior Director of Manatt Jones Global Strategies.
- Secretary of Finance and Administration of the State of Michoacán, 2014-2015.
- Director, Quasar Capital, 2010-2011.
- General Director of Evaluation and Monitoring of Social Programs, Ministry of Social Development, 2007-2010.
- Director of Fiscal Policy, Ministry of Finance and Public Credit, 2006-2007.

Academic experience:

- Professor of Business Topics, Bachelors in Data Science, ITAM, 2022.
- Executive MBA, Managerial Economics, ITAM, 2017-2022.
- Econometrics and Data Analysis; Statistical Modeling and Learning, ITAM, 2017 and 2019.
- Institutional Economics, Masters in Economics, ITAM, 2013.
- Adjunct Professor and Research Fellow, Harvard Kennedy School, 2011-2013.

Professional Activities

- Founding Partner and General Director of Quantor Advisors (Asset Management).
- Founding Partner of Pondera (Big Data & Analytics).
- Investment Strategy Advisor.
- Board Member of Maxilana, Pawn Shop and Auctions.
- Advisory Board member of Inscription Capital.
- Board member of Fundación Educacional, A.C.

Publishing (Most Relevant):

- “Trade and labor market outcomes: A summary of the main theories and evidence at the firm and worker levels” (with Benjamín Alemán Castilla), International Labor Organization, December 2021 (Forthcoming).
- “Long-term Consequences of Temporary Shocks on Mexican Families” (with Luis Rubalcava and Graciela Teruel), Chapter 7 of the book *Social Mobility and the Mexican Context*, Centro de Estudios Espinosa Yglesias, 2019.
- “Fiscal decentralization and regional disparities in Latin America: The potential of equalization transfers”, Chapter 9 of the book *Mexico, Inter-American Development Bank*, 2015.
- “Financial Obligations of the Federal Entities, 2006-2011” (with Ernesto López Córdova), Inter-American Development Bank, February 2012 (IADB Discussion Paper).
- “Factions and Political Competition” (with Nicola Persico and Dan Silverman), *Journal of Political Economy*, 119(2), 242-288, April 2011.
- “Are Married Women Secondary Workers? The Evolution of the Labor Supply of Married Women’s Labor Supply in the US from 1983 to 2000” (with Kyoo-il Kim), Technical Research Paper, Congressional Budget Office, Washington, D.C., December 2005.

Awards:

- 2007 Banamex Economics Award, Research Category, second place for “Factions and Political Competition with an Application to Investment in Water in Mexico” (with Nicola Persico and Dan Silverman).
- Recipient of the Mellon / PARC / Boettner Grant for Latin American Demography in 2005
- Fulbright-García Robles Scholar 2001-2004.
- CONACYT Fellow (Mexico) 2001-2004.
- IMEF 2000 National Financial Research Award, second place for “Deposit Insurance and Resolution of Banking Problems in Mexico” (Bachelor Thesis).

Areas of Interest

- Advanced Analytics
- Finance
- Public Economics
- Regional Development