

## Agustin Palao Mendizabal

Project Management, Policy Design and  
Analysis

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### Education

- 2018 **MSc, Economics**, The University of Texas at Dallas, TX, U.S., .
- 2017 **PhD, Public Policy and Political Economy**, The University of Texas at Dallas, TX, U.S., .
- 2001 **MSc, Financial Analysis**, Universidad Carlos III, Madrid, Spain, .  
Master Thesis - Financial Hedging Strategies for Businesses in Developing Countries
- 2000 **MSc, Quality Engineering**, Universidad Iberoamericana, Mexico City, Mex, .  
Master Thesis: Quality Standards for National TV Broadcasting services
- 1998 **BSc, Industrial Engineering**, Universidad Iberoamericana, Mexico City, Mex, .

### Experience

- 2017 - **Visiting Assistant Professor**, The University of Texas at Dallas.  
Professor and Researcher for the International Political Economy, Public Administration, and Public Policy programs.
- 2004 - 2012 **Risk Specialist**, Federal Trust Fund for Rural Development.  
Financial risk specialist in charge of credit and operational risk modeling. Design, implementation, stress and back testing models.

### Previous positions

- 2001-2002 Project & Quality Assurance Manager, Nissan-Volkswagen, Spain
- 2002-2004 Process Manager, HSBC Insurance and Pension Fund, Mexico
- 1997-2000 Quality Assurance Manager, Salinas Group, Mexico

### Publications

- 1 Agustin Palao Mendizabal. Mexico's credit guarantee programs: Shifting regional impacts. *Investigaciones Geográficas*, E-print(0), 2020.
- 2 Agustin Palao-Mendizabal, Jennifer S Holmes, Mercedes Callenes, and Álvaro Cardenas. Crossing thresholds: The use of spatial analysis to identify intensification of the colombian conflict. *Conflict Resolution Quarterly*, 2019.
- 3 Jennifer S Holmes, Agustin Palao Mendizabal, David Saucedo De La Fuente,

Kristjan Mets, Alvaro Cárdenas, Dolores Armenteras, and Liliana M Dávalos. Identifying municipal risk factors for leftist guerrilla violence in colombia. *Peace Economics, Peace Science and Public Policy*, 24(2), 2018.

- 4 Jennifer S Holmes, Agustin Palao Mendizabal, David Saucedo De La Fuente, Mercedes Callenes, and Álvaro Cárdenas. Paramilitary violence in colombia: A multilevel negative binomial analysis. *Defence and Peace Economics*, pages 1–27, 2019.
- 5 Carlos Barreto, Alvaro A Cardenas, Jennifer Holmes, Agustin Palao, and Juan Carlos Restrepo. A business that can't lose: Investing in attacks against the colombian power grid. *International Journal of Critical Infrastructure Protection*, 2019.
- 6 Benjamin E Bagozzi, Patrick T Brandt, John R Freeman, Jennifer S Holmes, Alisha Kim, Agustin Palao Mendizabal, and Carly Potz-Nielsen. The prevalence and severity of underreporting bias in machine-and human-coded data. *Political Science Research and Methods*, 7(3):641–649, 2019.

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#### Research under review

- Nov, 2019 Using hot spot analysis to prioritize security efforts in Colombian critical infrastructure, a focus on the power grid. *Journal of Geographical Systems*, ISSN 1435-5930
- Sep, 2019 Triggering Rural Business Transformation: does improved financial access contribute to production efficiency? *Journal of Development Economics*, ISSN 0304-3878

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#### Current projects

- 1) The role of official development assistance (ODA) on peace efforts. ODA effectiveness on positive and negative peace.
- 2) Pipeline critical infrastructure under duress by paramilitary or guerrilla violence. Geographic clustering patterns of areas where pipelines and subversive groups coexist, using hot spot analysis (HSA) and exploratory spatial data analysis (ESDA).
- 3) Analysis of production efficiencies of rural agricultural business. Stochastic frontier analysis (SFA) to assess external aid impact on productive processes.

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#### Teaching Experience & Interests

- Undergraduate IPEC-3349. World Resources and development. Fall 2017, 2018, 2019
- IPEC-4311/PSCI-4396 Public Finance of Developing Countries. Spring 2018
- IPEC-4304. Political Economy of Latin America. Spring 2019

Graduate EPPS-6313. Introduction to Quantitative Methods. Fall 2017, 2018, 2019

PPPE-6392. Practice of International Development. Spring 2018

PPPE-7304. Cost and Benefit Analysis. Spring 2019

Interests Economic Policy, Research Methods, Non-Profit Organizations  
Public Finance, Latin American Politics, International Conflict

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### Grants & Awards

- NSF Grant Critical Resilient Interdependent Infrastructure Systems and Processes (CRISP). Type 1/Collaborative Research (ID:1541199).  
Assistant Researcher.  
*Lessons Learned from Decades of Attacks against Critical Interdependent Infrastructures*
- NSF Grant Resource Implementations for Data Intensive Research in the Social Behavioral and Economic Sciences (RIDIR). Standard Grant (ID:1539302).  
Assistant Researcher  
*Modernizing Political Event Data for Big Data Social Science Research*
- Full tuition assistanship at The University of Texas at Dallas
- Full Scholarship by the National Council for Science and Technology

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### Conferences

- Nov 12-14, 2015 Association for Public Policy Analysis and Management (APPAM), 37th Annual Conference, Miami, FL..  
Are Banks Responsive to Indirect Subsidies for Financial Inclusion in Developing Countries? Evidence from Mexico's Credit Guarantee Programs.
- Mar 23-24, 2018 Center for Latin American Studies, University of Pittsburgh (CLASP), Public Policy Conference, Pittsburgh, PA..  
Paramilitary Violence in Colombia: A Multilevel Negative Binomial Analysis.
- Apr 5-8, 2018. Midwest Political Science Association (MPSA), 76th Annual Conference. Chicago, IL. .  
Does improved financial access contribute to rural business transformation? Evidence from Mexico's credit guarantee programs.
- Jul 19-20, 2018 Association for Public Policy Analysis (APPAM), Public Policy for Sustainable Metropolitan Development. Mexico City, Mexico:..  
Tools for sustainable financial inclusion: credit guarantees and metropolitan business development
- Oct 22-24, 2018 Universidad del Pacifico, New Security Challenges: Organized Crime and Urban Conflict in the Americas. Lima, Peru.  
The pacification process and the dynamics of violence in Colombia. A spatio-temporal approach

- Jan 17-19, Southern Political Science Association (SPSA), 90th Annual Conference, Austin, TX..  
Triggering Rural Business Transformation: Does improved financial access contribute to production efficiency?
- Apr 4-7, Midwest Political Science Association (MPSA), 77th Annual Conference. Chicago, IL. .  
  - Improving Financial Access to Rural Business: A spatial evaluation.
  - Using Hot Spot Analysis to Prioritize Security Efforts in Colombian Critical Infrastructure, a Focus on the Power Grid.
- May 24-27, Latin American Studies Association (LASA), Nuestra America: Justice and Inclusion, Boston, MA..  
The Pipeline Sabotages and the Peace Process. Will it be a “peace dividend” to the Hydrocarbons Sector in Colombia

### Languages

English Professional working proficiency  
Spanish Native

### Computer skills

Statistics	Stata, SPSS, EViews, SAS	Programming	VBA, R, Python, Matlab
Geographic	GIS Arc Map, R	Ms Office	Excel, Word, Access, Power Point
Typesetting	L <sup>A</sup> T <sub>E</sub> X	Presentation	Tableau

### Membership and Service

- Center for U.S. Latin American Initiatives (CUSLAI)
- Association for Public Policy and Management (APPAM)
- Latin American Studies Association (LASA)
- Midwest Political Science Association (MPSA)
- Southern Political Science Association (SPSA)
- Peer-reviewer for Canadian Journal of Agricultural Economics and Defence and Peace Economics Journal
- Member of Supervising Committees for two PhD dissertations
- Recommendation letters for two Masters students applying to PhD programs