

## **AGUSTIN PALAO MENDIZABAL**

School of Economic, Political and Policy Sciences  
University of Texas at Dallas  
800 W Campbell Road. GR 3.318  
Richardson, TX 75080-30216

### **RESEARCH INTERESTS & EXPERTISE**

- Economic and Social factors for development in developing countries with special interest in Latinamerica. Financial Inclusion, Rural and Agricultural business development. Social Services, Public Health, Education, Work and Income as factors for subnational development. Violence and Terrorist threats over Critical Infrastructure.
- Data analysis for policy evaluation, data management, exploratory spatial data analysis, advanced regression analysis (frequentist and bayesian), time series, panel data analysis, and multilevel modeling.

### **EDUCATION**

MSc, Economics University of Texas at Dallas (UTD), TX, U.S.	August 2018
PhD, Public Policy and Political Economy University of Texas at Dallas (UTD), TX, U.S. Dissertation - Credit Guarantee Public Programs: Nature and Implementation	August 2017
MSc, Financial Analysis Charles III University, Madrid, Spain Master Project - Financial Hedging Strategies for Businesses in Developing Countries	Sep 2001
MSc, Quality Engineering Universidad Iberoamericana, Mexico City, Mexico Master Thesis - Quality Standards for National TV Broadcasting services	Dec 2000
BSc, Industrial Engineering Universidad Iberoamericana, Mexico City, Mexico	Dec 1998

### **RESEARCH**

#### **Published**

1. Jennifer S. Holmes, Agustin Palao-Mendizabal, David Saucedo-DeLaFuente, "Identifying Municipal Risk Factors for Leftist Guerrilla Violence in Colombia", *Peace Economics, Peace Science and Public Policy*, 2018.
2. Benjamin E. Bagozzi, Patrick T. Brandt, John R. Freeman, Jennifer S. Holmes , Alisha Kim, Agustin Palao-Mendizabal, Carly Potz-Nielsen, "The Prevalence and Severity of Underreporting Bias in Machine and Human Coded Data", *Accepted, to appear in Political Science Research and Methods*, 2018

#### **Under Review**

1. Agustin Palao-Mendizabal. "Does improved financial access contribute to rural business transformation? Evidence from Mexico's credit guarantee programs".

2. Jennifer S.Holmes, Agustin Palao-Mendizabal, David Saucedo-DeLaFuente, Mercedes Callenes, Alvaro Cardenas, "Paramilitary Violence in Colombia: A Multilevel Negative Binomial Analysis".
3. Carlos Barreto, Alvaro A. Cardenas, Jennifer Holmes, Agustin Palao, Juan Carlos Restrepo, "A Business That Can't Lose: Investing in Attacks Against the Colombian Power Grid".

### **Current Projects**

1. Analysis of factors that promote financial accessibility to rural areas under a spatial approach..
2. Efficiency analysis of productive processes bolstered by financing schemes for the low income rural businesses.
3. Spatial patterns of violence: Terrorism hot spots.
4. Colombian Paramilitarism a Multilevel Negative Binomial Analysis.

### **CONFERENCES**

- Are Banks Responsive to Indirect Subsidies for Financial Inclusion in Developing Countries? Evidence from Mexico's Credit Guarantee Programs. Association for Public Policy Analysis and Management (APPAM) 37th Annual Conference. Miami, FL. November 12-14, 2015
- Paramilitary Violence in Colombia: A Multilevel Negative Binomial Analysis. Paper presentation, Latin American Social and Public Policy Conference, Center for Latin American Studies, University of Pittsburgh (CLASP). Pittsburgh, PA. March 23-24, 2018.
- Does improved financial access contribute to rural business transformation? Evidence from Mexico's credit guarantee programs. Panel presenter and discussant, Midwest Political Science Association (MPSA) 76th Annual Conference. Chicago, IL. April 5-8, 2018.

### **GRANTS**

- 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*

### **PROFESSIONAL EXPERIENCE**

#### **Visiting Assistant Professor**

**08/2017 -**

School of Social Sciences, The University of Texas at Dallas

- Develop new courses for the International Political Economy Program such as Political Economy of Latin America, Public Finance of Developing Countries.
- Teach statistics and International Development courses at the graduate level.
- Research work and presentations at country wide conferences.

#### **Risk Specialist**

**12/2004 to 08/2012**

Federal Trust Fund for Rural Development - Mexico

- Designed a credit rating methodology for non-banking financial intermediaries that saved 10% of the required minimum capital reserves for counterparty credit risk.

- Implemented a monitoring system for the institutional hedging portfolio of Cross Currency and Interest Rate Swaps that reduced market and liquidity risks by eliminating unpaired positions.
- Created an operational risk management methodology according to Basel II AMA principles that saved 10% of capital requirements needed to cover potential operational losses. First Mexican Public Trust Fund that operates under Basel II AMA approach.
- Generated a complete risk management manual that facilitated the Trust Fund certification for credit ratings issued by Standard and Poors and Fitch.

### CERTIFICATES

- Graduate Certificate Economic and Demographic Data Analysis. Fall 2016  
School of Economic, Political and Policy Sciences.  
University of Texas at Dallas
- Graduate Teaching Certificate. Spring 2017  
Office of Graduate Studies and Center for Teaching and Learning.  
University of Texas at Dallas

### AWARDS AND HONORS

Full tuition research assistantship, University of Texas at Dallas	2016-2017
Full Scholarship CONACYT - Mexico (National Council for Science and Technology)	2012-2016

### TEACHING

#### Professor

PSCI 4396 / IPEC 4311 - Public Finance of Developing Countries	Spring 2018
PPPE 6392 - Practice of International Development <i>Graduate Course</i>	Spring 2018
IPEC 3349 - World Resources and Development	Fall 2017
EPPS 6313 - Introduction to Quantitative Methods <i>Graduate Course</i>	Fall 2017
IPEC 4304 - Political Economy of Latinamerica	Spring 2017

#### Graduate Teaching Assistant

IPEC 3349 - World Resources and Development	Fall 2014
EPPS 3405 - Introduction to Social Statistics with Lab	Spring 2014
IPEC 3349 - World Resources and Development	Fall 2013
EPPS 3405 - Introduction to Social Statistics with Lab	Spring 2013
IPEC 3349 - World Resources and Development	Fall 2012

#### Guest Lecturer

PSCI 4332 Latin American Politics. Cuba: The puzzle of autocratic resilience	Fall 2016
PSCI 4331 Politics and Culture of Contemporary Mexico - Seminar.	Fall 2015

#### Teaching Interests

Research Design, Statistics for Social Sciences, Political Economy, Public Finance, and International Development

## **SERVICE**

Professor Associate at the Center for U.S. Latin American Initiatives (CUSLAI)

## **COMPUTING SKILLS AND LANGUAGE**

### **Computing**

- Statistics: SPSS, Stata, SAS, Eviews
- Geographic: GIS ArcMap
- Programming: R, VBA, C++
- Windows: Office, ~~LaTeX~~TeX, Visio, Project

### **Languages**

- Spanish (native)
- English (fluent)

## **MEMBERSHIPS**

Association for Public Policy Analysis and Management (APPAM)  
Midwest Political Science Association (MPSA)