

Carlos Daniel Gutiérrez-Mannix

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Social and political scientist working at the intersection of social media data collection and U.S. policy. Focused on collecting data and applying a series of quantitative and qualitative content analysis methods which allows to better understand what factors influence communication in social media. With ample experiencing using platforms such as Qualtrics, Survey Monkey, and API's for data collection. Looking forward to working as a full-time data scientist.

Education

University of Texas at Dallas

Richardson, Texas

PhD. Political Science (2017- May 2022)

Graduate Certificate in Economic & Demographic Data Analysis (2019-2020)

Graduate Teaching Seminar (2020)

Graduate Teaching Certificate (2019)

University of Texas Rio Grande Valley

Brownsville, Texas

M.A., Public Policy and Management (2014-2016)

University of Texas at Brownsville

Brownsville, Texas

B.A., Sociology (2010-2013)

Research Experience

- I have over two years of experience collecting and analyzing social media data. I am strongly focused on the use of social media by Hispanic politicians and have found that the content of their communication can be easily predicted using demographic factors.
- Among the many methods employed in my research, I can mention, qualitative and quantitative content analysis with statistical clustering, sentiment analysis and social network analysis.
- I have also created survey designs with hierarchical linear modeling and structural equation - multilevel modeling.
- I have published scholarly research using social media data.
- I currently have three studies in social media under consideration by research journals.
- I am presently tutoring four students on how to analyze social media data.
- I have presented my findings in several research conferences at both the regional and national level.

Relevant Methods

Qualitative Research Methods, Survey Research Design, Structural Equation and Multilevel Modeling for Survey Design, Data Collection, Applied Regression, Random & Fixed Effects Modeling, Statistical Clustering, Social Network Analysis, Time Series Analysis, Content Analysis, Sentiment Analysis.

Relevant Education

Governance and Auditing for Cybersecurity, Cyber Conflict, Political Psychology, American Politics, Courts and Policy, Congress and Policy, Civil Institutions, U.S. Election Law.

Research Software

- I have experience with quantitative software such as: R, STATA, Orange, SPSS, NodeXL, Gephi, RATS, EViews, Lisrel, Python.
- I also have experience with qualitative software such as: MaxQDA, WordStat, ATLAS.ti, QSR Nvivo, Power BI

Teaching Experience

University of Texas at Dallas

Richardson, Texas

- GOVT 2305 National Government 2017-2020
- GOVT 2306 State and Local Government Summer 2020
- GOVT 2305 National Government Summer 2021
- PSCI 3303 Civil Liberties Fall 2021
- PSCI 4310 Law and Terrorism Spring 2020
- PSCI 3303 Civil Liberties Fall 2020
- PSCI 4303 Congress and Public Policy Spring 2021
- PSCI 4304 Energy and Environmental Politics and Policy Spring 2022

University of Texas Rio Grande Valley

Brownsville, Texas

- PAFF-4325-90L- Introduction to Public Personnel Management Fall 2016
- PAFF-4300-90L- Introduction to Public Administration Spring 2017
- GSST-4315-90L- Global Security Studies Spring 2017

Editor-Reviewed Publications

Correa-Cabrera, Guadalupe and Gutierrez-Mannix, Carlos. 2019. "Organized Violence and Energy in Mexico the Case of Tamaulipas" in *Organized Violence and the Expansion of Capital*, ed. Dawn Paley and Simon Granovsky-Larsen. University of Regina Press. Regina, Saskatchewan, Canada

Correa-Cabrera, Guadalupe and Gutierrez-Mannix, Carlos. 2018. "Surveillance, security and privacy in Mexico" in *SAGE Encyclopedia of Surveillance, Security, and Privacy*, ed. Bruce A. Arrigo. SAGE Publications. Los Angeles.

Couture-Gagnon, Alexandre. and Gutierrez-Mannix, Carlos. 2017. "Spanish-speaking institutions and language assimilation in the Rio Grande Valley" in *Studies in Rio Grande Valley History*, ed. Milo Kearney. UTRGV & TSC Regional History Series. Brownsville

Peer-reviewed Publication

Gray, Thomas & Gutierrez-Mannix, Carlos. 2021. "Twitter and the Electoral Connection" *Social Science Quarterly* <https://doi.org/10.1111/ssqu.13080>

Working Papers

(In Progress) Gutierrez-Mannix, Carlos. 2022. Hispanic Discussions of Policy in Social Media

Honors, Awards and Scholarships

University of Texas at Dallas, Graduate Student Travel Grant	Fall 2021
University of Texas at Dallas Teaching Assistantship, Full PhD Scholarship	2017-2022
University of Texas Rio Grande Valley <i>Margaret Draper General Scholarship</i>	Spring 2016
University of Texas Rio Grande Valley <i>Presidential Scholarship</i>	Spring 2016
University of Texas at Brownsville <i>Research and Teaching Experience Scholarship</i>	Spring 2015
University of Texas Rio Grande Valley <i>Margaret Draper General Scholarship</i>	Fall 2015
University of Texas Rio Grande Valley <i>Presidential Scholarship</i>	Fall 2015
University of Texas at Brownsville <i>Texas Public Educational Grant</i>	Spring 2015
University of Texas at Brownsville <i>International Student Scholarship</i>	Spring 2015
University of Texas at Brownsville <i>International Student Talent Scholarship</i>	Fall 2014
University of Texas at Brownsville <i>Housing and Residential Life Scholarship</i>	Spring 2013
University of Texas at Brownsville <i>Certificate- Annual Research Symposium</i>	Spring 2013
Midwest Sociological Society <i>Grant Award</i>	Spring 2013
University of Texas at Brownsville <i>Dean`s List- College of Liberal Arts</i>	Spring 2013
University of Texas at Brownsville <i>Housing and Residential Life Scholarship</i>	Fall 2012
University of Texas at Brownsville <i>College of Liberal Arts Talent Scholarship</i>	Fall 2011
University of Texas at Brownsville <i>Dean`s List- College of Liberal Arts</i>	Fall 2011
University of Texas at Brownsville <i>International Student Talent Scholarship</i>	Spring 2011
University of Texas at Brownsville <i>Dean`s List- College of Liberal Arts</i>	Fall 2010

Book Contributions

August 2017

Responsible for creating maps and charts used in Dr. Guadalupe Correa Cabrera`s book: *Los Zetas Inc.: A Criminal Transnational Corporation, Mexico`s Energy Sector, and a Modern Civil War*. University of Texas Press.

Invited talks

“Selective Incorporation: Civil Rights & Supreme Court of the United States”

State Judiciary of San Luis Potosi, Mexico

Institute of Judicial Studies, Promotion and Development of Human Rights- Judiciary Council
San Luis Potosi, Mexico

October 2021

“Organized Violence and Energy in Mexico the Case of Tamaulipas”

National Autonomous University of Mexico (UNAM)

Center for Research on North America (CISAN)

Mexico City

September 2021

Academic Conferences

“Ethnic Minority Members of Congress and Political Communication: Hispanics in the United States Congress”

To be presented at **The Southern Political Science Association**

San Antonio, Texas

January 2022

“Hispanics in the United States Congress. Communication by Hispanics”
To be presented at **5th Latin American PolMeth** November 2021
Mexico City, Mexico

“Hispanics in the United States Congress. Communication by Hispanics”
To be presented at **The American Political Science Association Conference** October 2021
Seattle, Washington

“Attitudes towards National and International Organizations: Where is the connection?”
Presented at **The Texas Triangle International Relations Conference** February 2021
Houston, Texas

“Requests for Language Rights by Minority Groups: French speakers in Québec and Spanish speakers in the Rio Grande Valley”
Presented at the **Second International Conference on Border Studies** October 2017
Brownsville, Texas

“Organized Violence and Energy in Mexico the Case of Tamaulipas”
Presented at the **Latin American Studies Association** April 2017
Lima, Peru

“Spanish-speaking institutions and language assimilation in the Rio Grande Valley”
Presented at the **Western Social Sciences Association** April 2017
San Francisco, Ca.

“Framing and Counter-framing of the Transatlantic Trade and Investment Partnership”
Presented at the **Midwest Sociological Society** Spring 2015
Kansas City, MO.

“How’s Business? Exploring Student Perceptions of the Morality of Money-Making”
Presented at the **Midwest Sociological Society** Spring 2013
Chicago, Illinois

“How’s Business? Exploring Student Perceptions of the Morality of Money-Making”
Presented at the **University of Texas at Brownsville, Research Symposium** Spring 2013
Brownsville, TX

Affiliations (currently active)

American Political Science Association (APSA)
Southern Political Science Association (SPSA)
The Society for Political Methodology (SPM)
The Association for Public Policy Analysis and Management (APPAM)
Pi Alpha Alpha The Global Honor Society for Public Affairs & Administration

Languages

I am a fluent and native speaker of English and Spanish.