

Javier Osorio

326 Social Sciences Building
Tucson, AZ, 85721
☎ 520-621-4607
✉ josorio1@arizona.edu
✉ javierosorio.net
BlueSky: @javierosorio.bsky.social
Google Scholar: Javier Osorio

CHRONOLOGY OF EMPLOYMENT

2025–Present **University of Arizona,**
School of Government and Public Policy, Associate Professor.

2018–2025 **University of Arizona,**
School of Government and Public Policy, Assistant Professor.

2018 **City University of New York,**
Research Foundation, Research Associate.

2014–2017 **City University of New York,**
John Jay College of Criminal Justice, Department of Political Science, Assistant Professor.

2013–2014 **Cornell University,**
Mario Einaudi Center for International Studies, Postdoctoral Fellow.

2012–2013 **Yale University,**
Program on Order, Conflict and Violence, Predoctoral Fellow.

CHRONOLOGY OF EDUCATION

2013 **Ph.D. in Political Science, University of Notre Dame,**
Dissertation title “Hobbes on Drugs: Understanding Drug Violence in Mexico”.
Award for the Best Doctoral Dissertation of 4th International Thesis Competition on Public Safety, Victimization and Justice in Latin American and the Caribbean, United Nations Office on Drugs and Crime (UNODC) – Instituto Nacional de Estadística y Geografía (INEGI), 2015.

2010 **M.A. in Political Science, University of Notre Dame.**

2004 **B.A. in Political Science, Centro de Investigación y Docencia Económicas (CIDE), Mexico City, Mexico.**

2001 **International Exchange Program, Växjö University, Växjö, Sweden.**

SPECIALIZED TRAINING

Research Leadership

2025 **NSF I-Corps, National Science Foundation (NSF) Innovation Corps (I-Corps) - Desert and Pacific Region Hub**, University of Arizona, Tucson, AZ.

2022–2023 **Research Leadership, Research Leadership Institute**, University of Arizona, Tucson, AZ.

Mentoring

2024 **Mentoring Level I, MENTOR (Mentorship through Effective Networking, Transformational Opportunities, and Research) Institute**, University of Arizona, Tucson, AZ.

2024 **Mentoring Level II, MENTOR (Mentorship through Effective Networking, Transformational Opportunities, and Research) Institute**, University of Arizona, Tucson, AZ.

Geospatial Analysis and Econometrics

- 2010 **Spatial Econometrics**, *Essex Summer School in Social Science Data Analysis*, University of Essex, Colchester, UK.
- 2009 **Geographic Information Systems (GIS) for armed conflicts and peace**, *Norwegian University of Science and Technology – Peace Research Institute in Oslo (NTNU-PRIO)*, Trondheim, Norway.
- 2008 **Introduction to GIS**, *University of Notre Dame-ESRI*, Notre Dame, IN, USA.

Computerized Text Analysis

- 2010 **Tools for Text**, *Computer Annotation for Content Analysis*, University of Washington, Seattle, WA, USA, sponsored by NSF grant.

Quantitative Methods

- 2020 **ICPSR summer program**, University of Michigan, online.
- 2012 **Empirical Implications of Theoretical Models (EITM)**, Princeton University, Princeton, NJ, USA.
- 2008 **ICPSR summer program**, University of Michigan, Ann Arbor, MI, USA.

OTHER PROFESSIONAL EXPERIENCE

Directorship

- 2016-2018 **Program Director**, *Academy for Security Analysis*, El Salvador. USAID project.
- 2016 **Founder**, *Academy for Security Analysis*, El Salvador. USAID project.

Consulting

- 2025 Fragility, Conflict, and Criminal Violence (FCCV) in Mexico - Interamerican Development Bank, Mexico, September-December.
- 2023 Mid-term Performance and Impact Evaluation of the "Somos Comunidad" Acitivty - The Cloudburst Group - United States Agency for International Development (USAID) - Colombia, Colombia, January-October, 2023.
- 2022 Measurement Strategy for the "Designing my School" Program - Ministry of Education of El Salvador, El Salvador, May 2022 (Probono).
- 2022 Computerized System for Criminal Investigation - Attorney General Office of Chile - Criminal Analysis Unit and Investigation Focal Points, Chile, April-June 2022 (Probono).
- 2021 Impact Evaluation of the "Open School for Coexistence" Program - Ministry of Education of El Salvador, El Salvador, February 2021-December 2022 (Probono).
- 2014 External advisor, Algo en Común S.C, Mexico City (Probono).
- 2008-2010 External advisor, International Transparency Fund, Washington D.C..
- 2004 External advisor, Human Rights Center Miguel Agustín Pro Juárez, Mexico City, Mexico (Probono).

Public Sector

- 2006-2007 Civil Society Specialist, The World Bank-Mexico Office, Mexico.
- 2004-2006 Sub-director of Analysis, Federal Electoral Institute, Mexico.
- 2002-2003 Citizen Electoral Counselor, Federal Electoral Institute –5ft District, Mexico.
- 1999-2000 Citizen Electoral Counselor, Federal Electoral Institute –5ft District, Mexico.

Civic Engagement

- 2010-2016 Founder and General Director of MAS Democracia, Mexico City, Mexico.

Expert Testimony

2020 Expert testimony, The Florence Immigrant and Refugee Rights Project, Immigration Court, Tucson, Arizona, July 2020 (Pro bono).

2020 Expert testimony, The Florence Immigrant and Refugee Rights Project, Immigration Court, Tucson, Arizona, March 2020 (Pro bono).

2020 Expert testimony, The Florence Immigrant and Refugee Rights Project, Immigration Court, Tucson, Arizona, February 2020 (Pro bono).

2019 Expert testimony, Cohen Forman Barone LLP, Immigration Court, New York City, New York, May 2019 (Pro bono).

2019 Expert testimony, The Florence Immigrant and Refugee Rights Project, Immigration Court, Tucson, Arizona, June 2019 (Pro bono).

PUBLICATIONS

Refereed Journal Articles

2025 Patrick T. Brandt, Sultan Alsarra, Vito J. D’Orazio, Dagmar Heintze, Latifur Khan, Shreyas Meher, **Javier Osorio**, Marcus Sianan , “Extractive versus Generative Language Models for Political Conflict Text Classification”, *Political Analysis*, 1-29, online first.

2025 Sultan Alsarra, Latifur Khan, Patrick T. Brandt, **Javier Osorio**, Vito D’Orazio, “Multilingual Approaches to Extractive Question Answering in Political Texts”, *Computational and Mathematical Organization Theory*, 31, 299–322 (2025).

2025 **Javier Osorio**, and Susan Brewer-Osorio, “Demand and Supply of Criminal Governance: Experimental Evidence from Mexico, Honduras, Guatemala, and El Salvador”, *American Political Science Review*, 1-18, online first.

2023 **Javier Osorio**, “Are Many Sets of Eyes Better Than One? Evaluating Multiple Databases of Armed Actors in Colombia”, *International Interactions*, special issue on the Micro-dynamics of Conflict in Colombia, 49(2): 268-285.

2022 Brandt, Patrick T., Vito D’Orazio, Latifur Khan, Yi-Fan Li, **Javier Osorio**, and Marcus Sianan, “Conflict Forecasting with Event Data and Spatio-Temporal Graph Convolutional Networks”, *International Interactions*, special issue on Conflict Forecasting, 48(4):800-822.

2021 **Javier Osorio**, Livia Schubiger, and Michael Weintraub, “Legacies of Resistance: Mobilization Against Organized Crime in Mexico”, *Comparative Political Studies*, 54(9):1565-1596.

2020 Gonzalez, Ezequiel, Chad Kiewert de Jonge, Carlos Melendez, David Nickerson, and **Javier Osorio**, “Carrots and Sticks: Experimental Evidence of Vote Buying and Voter Intimidation in Guatemala”, *Journal of Peace Research*, special issue on electoral violence, 57(1):46-61.

2019 **Javier Osorio**, Viveca Pavon, Jennifer Holmes, Sayeed Salam, Patrick T. Brandt, and Latifur Khan , “Translating CAMEO Verbs for Automated Coding of Event Data”, *International Interactions*, 45(6): 1049-1064.

2018 **Javier Osorio**, Livia Schubiger, and Michael Weintraub, “Disappearing Dissent? Repression and State Consolidation in Mexico”, *Journal of Peace Research*, 55(2): 252-266.

2017 **Javier Osorio** and Alejandro Reyes , “Supervised Event Coding from Text Written in Spanish: Introducing Eventus ID”, *Social Science Computer Review*, 35(3): 406-416.

2015 **Javier Osorio**, “Contagion of Drug Violence: Spatio-temporal Dynamics of the Mexican War on Drugs”, *Journal of Conflict Resolution*, special issue on Mexican Drug Violence, 59(8): 1403-1432.

2012 Gonzalez, Ezequiel, Chad Kiewiet de Jonge, Carlos Melendez, **Javier Osorio**, and David Nickerson, "Social Desirability Bias in Vote Buying: Experimental Evidence from Nicaragua", *American Journal of Political Science*, 56(1): 202-217.

Peer-Reviewed Conference Publications

2025 Niamat Zawad, Latifur Khan, Patrick Brandt, Vito D'Orazio, and **Javier Osorio**, "Conflict Event Actor Prediction using Spatial Graph Neural Networks", *IEEE International Conference on Big Data - Special Session on Machine Learning on Big Data (MLBD 2025)*, Macau SAR, China, 8-11 December.

2025 Mohammadsaleh Hosseini, Munawara Saiyara Munia, Latifur Khan, Patrick Brandt, **Javier Osorio**, and Vito D'Orazio, "QAACoder: A Question Answering Approach to Actor Detection in the Conflict and Mediation Domain", *Pacific Rim International Conference on Artificial Intelligence (PRICAI 2025)*, Wellington, New Zealand, 17-21 November.

2025 Naif Alatrush, Sultan Alsarra, Afraa Alshammari, Luay Abdeljaber, Niamat Zawad, Latifur Khan, Patrick T. Brandt, **Javier Osorio**, and Vito D'Orazio, "Advancing Active Learning with Ensemble Strategies", *The International Conference on Recent Advances in Natural Language Processing (RANLP 2025)*.

2025 **Javier Osorio**, Afraa Alshammari, Naif Alatrush, Dagmar Heintze, Amber Converse, Sultan Alsarra, Latifur Khan, Patrick T. Brandt, and Vito D'Orazio, "The Devil is in the Details: Assessing the Effects of Machine-Translation on LLM Performance in Domain-Specific Texts", *The 20th Machine Translation Summit (MT Summit 2025)*, Geneva, Switzerland, 23-27 June.

2024 Xiaodi Li, Niamat Zawad, Latifur Khan, Patrick Brandt, **Javier Osorio**, and Vito D'Orazio, "ConflilPC: Logits and Parameter Calibration for Political Conflict Analysis in Continual Learning", *11th IEEE Special session on Privacy and Security of Big Data (PSBD 2024)*.

2024 **Javier Osorio**, Sultan Alsarra, Amber Converse, Afraa Alshammari, Dagmar Heintze, Latifur Khan, Naif Alatrush, Patrick Brandt, Vito D'Orazio, Niamat Zawad, Mahrusa Billah , "Keep it Local: Comparing Domain-Specific LLMs in Native and Machine Translated Text using Parallel Corpora on Political Conflict", *The 2nd International Conference on Foundation and Large Language Models (FLLM2024)*.

2024 Sultan Alsarra, Parker Whitehead, Naif Alattrash, Luay Abdeljaber, Latifur Khan, **Javier Osorio**, Patrick T. Brandt, and Vito D'Orazio, "Extractive Question Answering for Spanish and Arabic Political Text", *17th International Conference on Social Computing, Behavioral-Cultural Modeling, and Prediction and Behavior Representation in Modeling and Simulation (SBP-BRiMS)*.
Best Paper Award SBP-BRiMS 2024

2024 Yibo Hu, Erick Skorupa Parolin, Latifur Khan, Patrick T. Brandt, **Javier Osorio**, Vito J. D'Orazio , "Leveraging Codebook Knowledge with NLI and ChatGPT for Zero-Shot Political Relation Classification", *The 62nd Annual Meeting of the Association for Computational Linguistics (ACL 2024)*.

2023 Wooseong Yang, Sultan Alsarra, Luay Abdeljaber, Niamat Zawad, Zeinab Delaram, **Javier Osorio** Latifur Khan, Patrick Brandt, and Vito D'Orazio, "ConflilBERT-Spanish: A Pre-trained Spanish Language Model for Political Conflict and Violence", *7th IEEE Congress on Information Science and Technology (CiSt 2023)*, p. 287-292.

2023 **Javier Osorio** and Juan Vasquez, "Classifying Organized Criminal Violence in Mexico using ML and LLMs", *Proceedings of the 6th Workshop on Challenges and Applications of Automated Extraction of Socio-political Events from Text associated with The 14th International Conference on Recent Advances in Natural Language Processing (RANLP 2023)*.

2023 Sultan Alsarra, Luay Abdeljaber, Wooseong Yang, Niamat Zawad, Latifur Khan, Patrick Brandt, **Javier Osorio** and Vito D'Orazio, "ConflilBERT-Arabic: A Pre-trained Arabic Language Model for Politics, Conflicts and Violence", *Proceedings of the 2023 Recent Advances in Natural Language Processing conference (RANLP 2023)*.

2022 Erick Skorupa Parolin, Yibo Hu, Latifur Khan, Patrick T. Brandt, **Javier Osorio** and Vito D’Orazio, “Confl-T5: An AutoPrompt Pipeline for Conflict Related Text Augmentation”, *Proceedings of the 2022 IEEE International Conference on Big Data (IEEE BigData 2022)*.

2022 Yibo Hu, Mohammad Saleh Hosseini, Erick Skorupa Parolin, **Javier Osorio**, Latifur Khan, Patrick Brandt, and Vito D’Orazio, “ConflBERT: A Pre-trained Language Model for Political Conflict and Violence”, *Proceedings of the 2022 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL 2022)*, p. 5469 - 5482.

2022 Erick Skorupa Parolin, Mohammadsaleh Hosseini, Yibo Hu, Latifur Khan, Patrick Brandt, **Javier Osorio**, and Vito D’Orazio, “Multi-CoPED: A Multilingual Multi-Task Approach for Coding Political Event Data on Conflict and Mediation Domain”, *Artificial Intelligence, Ethics, and Society, AIES 2022*.

2021 Erick Skorupa Parolin, , Yibo Hu, Latifur Khan, **Javier Osorio**, Patrick T. Brandt, and Vito D’Orazio, “CoMe-KE: A New Transformers Based Approach for Knowledge Extraction in Conflict and Mediation Domain”, *Proceedings of the 2021 IEEE International Conference on Big Data (IEEE Big Data 2021)*, Orlando, FL, USA, pp. 1449-1459.

2021 Erick Skorupa Parolin, Latifur Khan, **Javier Osorio**, Patrick T. Brandt, Vito D’Orazio, and Jennifer S. Holmes, “3M-Transformers for Event Coding on Organized Crime Domain”, *Proceedings of the 2021 IEEE 8th International Conference on Data Science and Advanced Analytics (DSAA 2021)*, 1-10.

2020 **Javier Osorio** and Alejandro Beltrán, “Enhancing the Detection of Criminal Organizations in Mexico using ML and NLP”, *International Joint Conference on Neural Networks (IJCNN 2020)*, pp. 1-7.

2020 Erick Parolin Skorupa, Latifur Khan, Vito D’Orazio, **Javier Osorio**, Patrick Brandt and Jennifer Holmes, “HANKE: Hierarchical Attention Networks for Knowledge Extraction in Political Science Domain”, *Proceedings of the 2020 IEEE International Conference on Data Science and Advanced Analytics (DSAA 2020)*, pp. 410-419.

2020 Salam, Sayeed, Latifur Khan, Amir El-Ghamry, Patrick Brandt, Jennifer Holmes, Vito D’Orazio, and **Javier Osorio**, “Automatic Event Coding Framework for Spanish Political News Articles”, *2020 IEEE 6th International Conference on Big Data Security on Cloud (BigDataSecurity), IEEE International Conference on High Performance and Smart Computing, (HPSC), and IEEE International Conference on Intelligent Data and Security (IDS)*, pp. 246-253.

2020 **Javier Osorio**, Alejandro Reyes, Alejandro Beltrán, and Atal Ahmadzai, “Supervised Event Coding from Text Written in Arabic: Introducing Hadath”, *Proceedings of the Workshop on Automated Extraction of Socio-political Events from News 2020 (AESPEN 2020)*, European Language Resources Association (ELRA), pp. 49-56.

2019 **Javier Osorio**, Mohamed Mohamed, Viveca Pavon, and Susan Brewer-Osorio , “Mapping Violent Presence of Armed Actors”, *Advances in Cartography in GIScience of the International Cartographic Association*, 1, 1-16.

Book Chapters

2012 **Osorio, Javier**, “Las Causas Estructurales de la Violencia: Evaluación de Algunas Hipótesis”, Aguilar Rivera, José Antonio (Coord.) *Las Bases Sociales del Crimen Organizado y la Violencia en México*, Centro de Investigación y Estudios en Seguridad - Secretaría de Seguridad Pública, Mexico City, pp. 73-132.

OTHER SCHOLARSHIP

Unrefereed Manuscripts

2023 Yibo Hu, Erick Skorupa Parolin, Latifur Khan, Patrick T. Brandt, **Javier Osorio** and Vito D'Orazio, "Synthesizing Political Zero-Shot Relation Classification via Codebook Knowledge, NLI, and ChatGPT", *SocArXiv*, August 23. <https://doi.org/10.48550/arXiv.2308.07876>.

2020 Salam, Sayeed, Patrick T. Brandt, Vito D'Orazio, Jennifer Holmes, **Javier Osorio** and Latifur Khan, "An Online Structured Political Event Dataset Based on CAMEO Ontology", *SocArXiv*, March 20. doi:10.31235/osf.io/vrt4a.

2014 **Javier Osorio**, "Numbers Under Fire: The Challenges for Conducting Quantitative Research in Violent Settings", *Social Science Research Council, Drugs Security and Democracy Program. Working Papers Series on Research Security*, No. 6.

2010 **Javier Osorio** and Christopher Sullivan, "What the Afghan War Diary Really Tells Us", *Small Wars Journal*, <https://smallwarsjournal.com/blog/journal/docs-temp/532-osoriosullivan.pdf>.

2010 **Javier Osorio**, "¿Es Posible Contabilizar la Compra del Voto en México?", *FEPADE Difunde*, 19, pp. 135-152.

Commissioned Policy Reports

2023 **Javier Osorio**, Liliana Duica, Daniel Mejia, Daniela Ospina, *Colombia Resilient Communities Midterm Performance Evaluation Final Report*, United States Agency for International Development. Bogota, Colombia.

2014 Gonzalez, Ezequiel, Chad Kieweit de Jonge, Carlos Melendez, David Nickerson, and **Javier Osorio**, *Informe Especial Sobre Libertad del Sufragio en México*, Instituto Federal Electoral. Mexico City, Mexico.

2012 Gonzalez, Ezequiel, Chad Kieweit de Jonge, Carlos Melendez, David Nickerson, and **Javier Osorio**, *Aproximación a las percepciones de la ciudadanía sobre la compra de votos y la intimidación de votantes en el régimen político guatemalteco*, National Democratic Institute. Guatemala City, Guatemala.

2012 **Javier Osorio**, "Caso de Estudio Mexicano", in Natalia Torres (ed.), *Acceso a la información y datos personales: una vieja tensión, nuevos desafíos*, Centro de Estudios para la Libertad de Expresión y Acceso a la Información – Open Society Foundations (CELE-OSF). Buenos Aires – Mexico.

Work in Progress

Manuscripts Under Review

Javier Osorio, Desmond Arias, Camilo Pardo, "Unfolding State Capture by Legalized Non-state Armed Actors in Colombia", Under review at *World Development*.

Ham, Andres, Michael Weintraub, **Javier Osorio**, and Reynaldo Rojo, "Police Interactions with Youth at Risk: Evidence from a Field Experiment in Honduras", under review at *Journal of Experimental Criminology*.

Osorio, Javier, Michael Weintraub and Andres Ham, "Reducing Pretrial Detention: A Randomized Intervention with Public Defenders in El Salvador", under review at *Criminology*.

Manuscripts in Preparation

Osorio, Javier, Sultan Alsarra, Patrick T. Brand, Vito D'Orazio, and Katifur Khan, "Development Lifecycle for Domain-Specific Large Language Models".

Osorio, Javier, Alianna Casas, "Protecting Women in the Midst of Conflict".

Osorio, Javier, “Armed Governance in Colombia”.

Osorio, Javier, “Armed Governance in Afghanistan”.

Osorio, Javier and Susan Brewer-Osorio, “Spoiler Alert: Criminals, Dissidents, and Rivals, and the Killing of Ex-combatants in Colombia”.

Osorio, Javier, Michael Sulkowski, David Owens, Shelby Ballard, “Gang Membership and Protection in El Salvador: Experimental Evidence from School Settings”.

Osorio, Javier, “Uncovering State Repression in Nicaragua”.

Osorio, Javier, Alex, Braithwaite, Alejandro Beltrán, and Larua Saavedra-Lux, “Tracking Central American Migrant Caravans”.

Software

My software and Large Language Models (LLMs) are publicly available in GitHub at, github.com/javierosorio and github.com eventdata, and in Hugging Face huggingface.co eventdata-utd.

2022 Yibo Hu, Mohammad Saleh Hosseini, Erick Skorupa Parolin, **Javier Osorio**, Latifur Khan, Patrick Brandt, Vito D’Orazio, “ConfliBERT: A Pre-trained Language Model for Political Conflict and Violence”, Python, Available at: <https://github.com eventdata/ConfliBERT>.

2020 **Javier Osorio** and Alejandro Reyes, “Hadath: Supervised Event Coding from Text Written in Arabic”, version 1.0, Perl programming language.

2019 **Javier Osorio** and Alejandro Reyes, “GWX – Gigaword extractor”, version 1.0, Perl programming language.

2019 **Javier Osorio** and Alejandro Reyes, “GWS – Gigaword split”, version 1.0, Perl programming language.

2019 **Javier Osorio** and Alejandro Reyes, “GWX – Gigaword extractor”, version 1.0, Perl programming language.

2014 **Javier Osorio** and Alejandro Reyes, “Eventus ID: Supervised Event Coding From Text Written in Spanish”, version 1.0, Perl programming language, copyright registration number 1-1520103493.

2014 **Javier Osorio** and Alejandro Reyes, “Web2Eventus”, version 2.0, Perl programming language, copyright registration number 1-1520103568.

2014 **Javier Osorio** and Alejandro Reyes, “Web Text Downloader”, version 2.0, Delphi programming language, copyright registration number 1-1520103399.

Databases

2021 **Osorio, Javier** , Alexis Work, Michael Sulkowski, “Promoting Safe Schools in El Salvador”.

2021 **Osorio, Javier**, “Armed Governance”, armedgov.arizona.edu.

2020 **Osorio, Javier**, “Organized Crime Violence Event Data in Mexico (OCVED)”, www.ocved.mx.

2019 **Osorio, Javier** , Mohamed Mohamed, Viveca Pavon, and Susan Brewer-Osorio, “Violent Presence of Armed Actors (ViPAA) in Colombia”, www.colombiaarmedactors.org.

AWARDED GRANTS AND FELLOWSHIPS

Federal Research Grants

2023-2025 **National Science Foundation - CoPI**, “Frameworks: Infrastructure For Political And Social Event Data using Machine Learning”, *National Science Foundation (NSF) – Cyberinfrastructure for Sustained Scientific Innovation (CSSI)* , award 2311142, with Patrick T. Brandt (PI), Latifur R. Khan (Co-PI), Vito D’Orazio (Co-PI), and Jared Edgerton (Co-PI), \$1,589,016.

2023-2028 **United States Agency of International Development**, “Central America Regional Support Services (CARSS) IDIQ”, *United States Agency of International Development (USAID)*, award 72051924D00015, Dr. Osorio is the UA faculty lead in partnership with Making Cents International, the prime of this contract, \$800,000,000. Funding cancelled with the dismantling of USAID.

2022-2023 **National Science Foundation - CoPI**, “Elements: Data: Sustaining Modern Infrastructure For Political And Social Event (CIS220162)”, *National Science Foundation (NSF) - Advanced Cyberinfrastructure Coordination Ecosystem: Services and Support (ACCESS)*, with Patrick T. Brandt (PI), Latifur R. Khan (Co-PI), Sultan Alsarra (Co-PI), and Yibo Hu (Co-PI), 200,000 ACCESS Credits.

2021-2024 **National Science Foundation - PI**, “The Dynamics of Illicit Governance”, *National Science Foundation (NSF) - Security and Preparedness (SAP)*, award 2116406, with Desmond Arias (Co-PI) and Vanda Felbab-Brown (Co-PI), \$526,070.

2020-2023 **US Department of Defense - PI**, “Analyzing Migration Patterns from Central America Using Natural Language Processing and Machine Learning”, *US Department of Defense (DOD) – Research and Education Program for Historically Black Colleges and Universities and Minority-Serving Institutions (HBCU/MI)*, award 76189-RT-REP, with Alex Braithwait (PI), \$660,000.

2020-2022 **National Science Foundation - Co-PI**, “Sustaining Modern Infrastructure for Political and Social Event Data”, *National Science Foundation (NSF) – Cyberinfrastructure for Sustained Scientific Innovation (CSSI)*, award 1931541, with Patrick Brandt (PI), Vito D’Orazio (Co-PI), Latifur Khan (Co-PI), and Jennifer Holmes (Co-PI), \$588,032.

2017-2022 **US Department of Defense - Co-PI**, “A Nested Mixed-Methods Approach to Armed Non-State Actor Governance and the Rule of Law”, *US Department of Defense (DOD) - Minerva Research Initiative*, award 71623-LS-MRI, with Desmond Arias (PI), Vanda Felbab-Brown (Co-PI), Harold Trinkunas (Co-PI), \$1,500,000.

2017-2022 **US Department of Homeland Security - Co-PI**, “Disciplinary theory and Advanced social-behavioral sciences Research-methods Training (DART)”, *Department of Homeland Security (DHS) Minority Serving Institutions (MSI) program*, with Demis Glasford (PI), Amy Adamczyk (Co-PI), and Joshua Freilich (Co-PI), \$1,000,000.

2016-2020 **US Agency for International Development - PI**, “Promoting Quantitative Analysis Capabilities and Applied Research on Citizen Security in Central America”, *United States Agency for International Development (USAID) – El Salvador*, Annual Program Statement No. 519-15-000001, with Reynaldo Rojo (Co-PI), Michael Weintraub (Co-PI), and Maritza Rodriguez (Co-PI), \$4,986,534.

2015-2018 **National Science Foundation - Co-PI**, “Modernizing Political Event Data for Big Data Social Science Research”, *National Science Foundation (NSF) – Resource Implementations for Data Intensive Research in Social Behavior and Economic Sciences (RIDIR)*, award 1539302, with Patrick Brandt (PI), Latifur Khan (Co-PI), Vincent Ng (Co-PI), and Jennifer Holmes (Co-PI), \$1,497,358.

Internal Research Grants

2023-2024 **University of Arizona - PI**, “Mapping Migration Flows from Central America and Mexico using StoryMaps”, *Research Innovation, & Impact (RII) and the Office of the Provost - Hispanic Serving Institution (HSI) Seed Grants*, with YiJyun Li and Alex Braithwaite, \$7,955.

2023-2024 **University of Arizona - CoPI**, “Dynamics of Migration Working Group”, *Arizona Institute for Resilience (AIR) - International Programs*, with Alex Braithwaite and YiJyun Li.

Post-doctoral fellowship

2013-2014 **Cornell University**, Post-Doctoral Fellowship, *Mario Einaudi Center for International Studies*.

Pre-doctoral fellowships

2012-2013 **Yale University**, Pre-Doctoral Fellowship, *Program on Order, Conflict and Violence*.

2012-2013 **Harry Frank Guggenheim Foundation**, Dissertation Fellowship, *Harry Frank Guggenheim Foundation Dissertation Fellowships*.

2012-2013 **University of California San Diego**, Pre-Doctoral Fellowship, *Center of U.S. – Mexican Studies*, (declined).

2012-2013 **University of Notre Dame**, Dissertation Year Fellowship, *Kellogg Institute*, (declined).

Grants for dissertation research

2011 **National Science Foundation**, *Doctoral Dissertation Research Improvement Grant*, award 1123572.

2011 **Social Science Research Council – Open Society Foundations**, *Drugs, Security and Democracy Fellowship*.

2011 **United States Institute of Peace**, *Jennings Randolph Peace Scholarship Dissertation Program*.

2011 **University of Notre Dame**, *Kellogg Institute - Graduate Research Grant*.

Training, travel, and other grants

2017 **City University of New York**, John Jay College of Criminal Justice, Enhanced Travel Funding, Office for the Advancement of Research (OAR).

2016 **City University of New York**, Academy for the Humanity and Sciences, William Stewart Travel Award for National and International Conferences.

2012 **National Science Foundation**, EITM Fellowship.

2011 **International Society for the Study of Drug Policy - Open Society Foundations**, Latin American Student Grant.

2010 **University of Notre Dame**, Institute for Scholarship in the Liberal Arts - Graduate Student Research Award.

2010 **Global Consortium for Security Transformation - FLACSO-Chile**, Small Grants Program.

2010 **University of Notre Dame**, Notebaert Travel Grant.

2009 **University of Notre Dame**, Downs Travel Grant.

2009 **University of Notre Dame**, Graduate Research Grant.

2009 **University of Notre Dame**, Institute for Scholarship in the Liberal Arts - Professional Development Grant.

2007-2012 **University of Notre Dame**, Kellogg Institute - Supplemental Award for Doctoral Students.

2007 **Fulbright-Garcia Robles Program**, Fulbright-Garcia Robles for Doctoral Students, (declined).

1998-2002 **Centro de Investigación y Docencia Económicas**, Academic excellence funding.

SUBMITTED GRANTS (pending or not funded)

In Preparation

2025 **System Engineering Research Center (SERC)**, Advanced Terrorism Tracking using Adept Computing and Knowledge (ATTACK) (grant proposal under development), Javier Osorio (PI), University of Arizona; Eduardo Blanco (Co-PI), University of Arizona; Iqbal Hossain (Co-PI), University of Arizona; Emmanuel Teitelbaum (Co-PI), George Washington University; and Gary LaFree (Co-PI), University of Maryland; David Muchlinski (Co-PI), Georgia Institute of Technology, \$23,197,295.

National Science Foundation - Security and Preparedness, Global Observatory of Diplomatic Cooperation (GODiC): Latin America (grant proposal under development), Javier Osorio (PI), University of Arizona; Tom Volgy (Co-PI), University of Arizona, \$300,000.

Not funded

2025 **University of Arizona**, “The Global Observatory of Diplomatic Cooperation, GODiC”, *University of Arizona - Research, Innovation, and Impact - Big Ideas Challenge*, Tom Volgy (PI), Javier Osorio (Co-PI), Susan Brewer-Osorio (Co-PI), Julie Ellison-Speight (Co-PI), David Pietz (Co-PI), Cristian Roman Palacios (Co-PI), \$250,000.

University of Arizona, “Modernizing the Global Terrorism Database”, *University of Arizona - Research, Innovation, and Impact - Big Ideas Challenge*, Javier Osorio (PI), Eduardo Blanco (Co-PI), Daniel Arnon (Co-PI), \$250,000.

2024 **United States Agency for International Development (USAID), Office of the Chief Economist (OCE), USAID Guatemala, and Long-term Assistance and Services for Research, Partners for University-Led Solutions Engine (LASER PULSE)**, USAID/Eastern and Southern Caribbean and OCE Activity Design and Evaluation Scoping for a Gang Violence Prevention Activity in Trinidad and Tobago, Saint Lucia, and Saint Kitts and Nevis, Capacity statement under review, \$50,000.

United States Agency for International Development (USAID), Office of the Chief Economist (OCE), USAID Guatemala, and Long-term Assistance and Services for Research, Partners for University-Led Solutions Engine (LASER PULSE), USAID/Guatemala and OCE Impact Evaluation Design for the Central American Service Corps - National Youth Service Initiative Activity in Guatemala, Capacity statement under review, \$55,002.

2023 **Federal Bureau of Investigation**, FBI: Using Large Language Models to Study the LEOKA Narratives, \$348,915.

2022 **National Science Foundation - Social Science Research Council**, NSF-SSRC: All Health Policy is Local: Assessing the Causes and Consequences of County Public Health Policy During COVID.

2020 **National Science Foundation**, D-ISN: TRACK 1: Disrupting Drug-Trafficking Networks in The Americas.

United States Department of State, Mapping Drug-Trafficking Networks in The Americas.

Innovations for Poverty Action, Promoting Save School Perimeters in Mexico City.

Meta Platforms, Inc., Misinformation and Xenophobic Violence: Causes and Potential Interventions.

2019 **National Science Foundation**, RIDIR: Modernizing Political Event Data for Big Data Social Science Research.

National Science Foundation, Sustaining Modern Infrastructure for Political and Social Event Data.

Tinker Foundation, Promoting Safe Schools in El Salvador.

HONORS AND AWARDS

2024 International Conference on Social Computing, Behavioral-Cultural Modeling, and Prediction and Behavior Representation in Modeling and Simulation (SBP-BRiMS) 2024, “Best Paper Award”, for the paper “Extractive Question Answering for Spanish and Arabic Political Text”, with Sultan Alsarra, Parker Whitehead, Naif Alatrash, Luay Abdeljaber, Latifur Khan, Patrick T. Brandt, and Vito D’Orazio.

2017 Midwest Political Science Association (MPSA), “Best Paper by an Emerging Scholar Award, for the paper ’Vigilante Mobilization and Local Order: Evidence from Mexico’ with Michael Weintraub and Livia Schubiger”, April.

2017 City University of New York , “Certificate of Recognition from The City University of New York (CUNY) for securing major institutional grant funds during calendar year 2016”, May.

2016 City University of New York , “Certificate of Recognition from The City University of New York (CUNY) on the occasion of the ’Salute to Scholars’ for outstanding scholarly achievements”, December.

2015 United Nations Office on Drugs and Crime, “Best doctoral dissertation, 4th International Thesis Competition on Public Safety, Victimization and Justice in Latin American and the Caribbean, organized by The Center of Excellence in Statistical Information on Government, Crime, Victimization and Justice of the United Nations Office on Drugs and Crime (UNODC) and the National Institute of Statistics and Geography (INEGI)”.

TEACHING EXPERIENCE

University of Arizona

PhD Level.

Panel Data Analysis, POL 685, graduate.

- Fall, 2023.
- Spring, 2021 - online synchronous.
- Fall, 2019.

Micro-dynamics of Political and Criminal Violence, POL 669, graduate.

- Fall, 2024.
- Fall, 2022.
- Spring, 2020.
- Spring, 2019.

LaTeX Crash Course, 4 hours session.

- <https://github.com/javierosorio/LaTeX-crash-course>
- Spring, 2019.

Undergraduate Level.

Crime Reduction: What Works?, PA-POL 444, undergraduate.

- Fall, 2024.
- Spring, 2024.

Violent Crime and Political Order, POL 436, undergraduate.

- Spring, 2024.
- Spring, 2023.
- Spring, 2022.
- Fall, 2020 - online synchronous

Introduction to Comparative Politics - Mexico session, POL 204, undergraduate - online asynchronous.

- Spring, 2024 - present.
- Spring, 2020 - Spring, 2024.

John Jay College of Criminal Justice, CUNY

Capstone Seminar – International Criminal Justice, ICJ 770, graduate.

- Spring 2015.

Colloquium on Research in Government and Politics, POL 409, undergraduate.

- Spring 2016.
- Spring 2015.

Comparative Politics, POL 257, undergraduate.

- Spring, 2015.
- Fall, 2014.

Politics of Transnational Crime – Research Intensive, POL 325, undergraduate.

- Fall, 2015.

Politics of International Security, POL 328, undergraduate.

- Fall, 2017.
- Spring, 2016.

Cornell University

Political Economy of Drug Violence, Senior Seminar, undergraduate.

- Spring, 2014.

University of Notre Dame

Statistical Consultant, PhD program.

- Spring 2009 – Fall 2010.

Introduction to Comparative Politics, undergraduate, Teaching Assistant.

- Fall, 2008.

Methods workshops delivered in the US

Event Coding using Natural Language Processing and Machine Learning, Summer Institute in Computational Social Sciences (WICSS).

- The University of Arizona, January 3-9, 2021.

Introducing Eventus ID for computerized coding of event data from text written in Spanish .

- University of Southern Alabama, November 3-4, 2016.
- University of Notre Dame, October 27-28, 2016.
- University of Texas at Dallas, October 2-3, 2014.

Methods workshops delivered abroad

Elecciones y Encuestas.

- Expediente Abierto: Herramientas para el Periodismo en Contextos Electorales. Virtual workshop based on Managua, Nicaragua. October 19, 2021.
- Expediente Abierto: Herramientas para el Periodismo en Contextos Electorales. Virtual workshop based on Tegucigalpa, Honduras. October 21, 2021.

Codificación de Eventos usando Eventus ID (*Event Coding using Eventus ID*).

- Comisión de la Verdad de Colombia, Bogota, Colombia, December 13, 2019.
- Jurisdicción Especial para la Paz de Colombia, Bogota, Colombia, December 12, 2019.

Crime Mapping Techniques.

- 4th International Conference on Governance, Crime, and Justice Statistics, United Nations Office on Drugs and Crime (UNODC), Lima, Peru.
- June 5th, 2018.

Introducción a Eventus ID para codificación computarizada de eventos de texto escrito en Español (*Intro to computerized event coding in Spanish using Eventus ID*).

- Universidad Centroamericana “José Simeón Cañas,” San Salvador, El Salvador.
- January 6, 13, and 20, 2018.

Pandillas (Gangs).

- Academia para el Análisis de Seguridad, San Salvador, El Salvador.
- June, 2018.

Análisis de Regresión Lineal (*Linear Regression Analysis*).

- Academia para el Análisis de Seguridad, San Salvador, El Salvador.
- June, 2018.

Análisis Computarizado de Texto: Generando Datos de Eventos (*Computarized Textual Analysis: Generating Event Data*).

- Academia para el Análisis de Seguridad, San Salvador, El Salvador.
- January, 2018.

Manejo de Datos Usando Stata” (*Data Management using Stata*).

- Academia para el Análisis de Seguridad, San Salvador, El Salvador.
- June, 2017.

Teaching Awards and Internships

2015 **City University of New York**, “Summer Research Internship,” in collaboration with Erick Alonzo, *Office of Undergraduate Research*.

2014 **City University of New York**, “Research-Intensive Course Design”, *Office of Undergraduate Research and the Office of Undergraduate Studies*.

ACADEMIC SERVICE

International Outreach

Editorial Committee

- Journal of Peace Research (JPR), Member of Editorial Committee. Fall 2025 - Present.

UNODC Scientific Committee

- Member of the Scientific Committee of the 4th International Conference on Governance, Crime and Justice Statistics – United Nations Office on Drugs and Crime (UNODC) - Instituto Nacional de Estadística y Geografía (INEGI) of Mexico, Instituto Nacional de Estadística e Informática (INEI) of Peru, 2018.

International PhD/MA Thesis Competitions

- IX ALACIP Doctoral Dissertation Contest – Guillermo O’Donnell Award, Asociación Latinoamericana de Ciencia Política, ALACIP, 2022.
- 7th International Thesis Contest on Public Security, Victimization, and Justice in Latin America – United Nations Office on Drugs and Crime (UNODC) - Instituto Nacional de Estadística y Geografía (INEGI), reviewer of doctoral dissertations, 2018.
- 5th International Thesis Contest on Public Security, Victimization, and Justice in Latin America – United Nations Office on Drugs and Crime (UNODC) - Instituto Nacional de Estadística y Geografía (INEGI), reviewer of undergraduate thesis, 2016.

National Outreach

National Science Foundation

- NSF proposal reviewer, 2021.
- NSF panel reviewer, 2020.

Harry Frank Guggenheim Foundation

- Harry Frank Guggenheim Foundation Research Grant, Reviewer, 2022.
- Harry Frank Guggenheim Foundation Research Grant, Reviewer, 2020.

Academic Conference Service

Virtual Research Group Organizer.

- Organizer of the Virtual Research Group on "Advancing the Use of Computational Tools in Political Science" sponsored by the American Political Science Association (APSA), April 2025.

Award Selection Committee.

- Midwest Political Science Association (MPSA), Kellogg/Notre Dame Award for the Best Paper in Comparative Politics, member of the selection committee, September 2024 - April 2025.

Conference Organizer.

- Latina American Peace Science Society (LAPSS), virtual conference, conference co-organizer, January 2022.

Conference Section Chair.

- Midwest Political Science Association (MPSA), Chair of the Law and Society section, Fall 2020-Spring 2021

Conference Section Board.

- International Studies Association (ISA), Member of the Political Demography and Geography (PDG) section, Fall 2021-Spring 2022.

Professional Memberships.

- American Political Science Association (APSA).
- Central American Politics Council (CAPC).
- Empirical Implications for Theoretical Models (EITM) Institute.
- European Political Science Association (EPSA).
- Institute of Electoral and Electronic Engineers (IEEE).
- International Studies Association (ISA).
- Latin American Peace Science Society (LAPSS).
- Latin American Studies Association (LASA).
- LatinX in Artificial Intelligence (LXAI).
- Midwest Political Science Association (MPSA).
- Non-State Armed Governance Group (NSAG).
- Public Choice Society (PCS).
- Red de Estudios sobre Drogas en América Latina (REDESAL).
- Red Latinoamericana de Seguridad y Delincuencia Organizada (RELEASEDOR).
- Red Temática de Tecnologías de Lenguaje Natural (RedTTL).
- Urban Violence Research Network (UVRN)
- 4 Corners Conflict Network (4CCN).

Academic Journal Reviewer.

- American Journal of Political Science.
- American Political Science Review.
- Criminology.
- Comparative Political Studies.
- Deusto Journal of Human Rights.
- European Review of Latin American and Caribbean Studies.
- European Review of Organized Crime.
- International Journal of Public Opinion Research.
- International Organization.
- International Studies Perspectives.
- International Studies Quarterly.
- Journal of Comparative Politics.
- Journal of Conflict Resolution.
- Journal of Global Security Studies.
- Journal of Peace Research.
- Journal of Politics in Latin America.
- Latin American Politics and Society.
- Latin American Research Review.
- Politics and Government (*Política y Gobierno*).
- Political Analysis.
- Political Behavior.
- Political Geography.
- Political Research Quarterly.
- Studies in Comparative International Development.

Community Service

Tucson, Arizona.

- Data Analyst, Pima Animal Care Center (PACC), Tucson, Arizona, Spring 2025 - Present.
- Volunteer, Coalición de Derechos Humanos, Tucson, Arizona, Spring 2025 - Present.
- Keeping Students Safe (KSS), Tucson, Arizona, Spring 2024 - Present.

College Committees

University of Arizona - University level.

- Committee Member:
 - Center for Latin American Studies, member of the Executive Committee - Fall 2024 - present.
 - SBS Diversity Equity and Inclusion Council, co-chair, Spring 2025.
 - SBS Diversity Equity and Inclusion Council, member, Fall 2022 - Fall 2024.
 - Computational Social Science Certificate, committee member, Fall 2019 - present.
 - Binational Consortium UA-UNAM, Coordinator of Human Security, College of Social and Behavioral Sciences, Spring 2018-present.
- Search Committees:
 - SBS Research Institute, Search Committee - Administrative Director, Spring 2023.
 - Center for Latin American Studies, Search Committee - Facilitator II Instructional Design and Support, Spring 2023.
 - Center for Latin American Studies, Search Committee, Fall 2019 - Spring 2020.
- Reviewer:
 - Hispanic Serving Institution (HSI) Faculty Seed Grant, Reviewer, Spring 2024.
- Other:
 - Center for Latin American Studies, Participant - Academic Performance Review, Spring 2024.

Departmental Committees

University of Arizona - School of Government and Public Policy.

- SGPP Diversity, Equity, and Inclusion Committee.
 - Committee Chair: Fall 2022 - Spring 2024.
 - Committee Member: Fall 2020-Spring 2022, Fall 2024.
- Graduate Committee, School of Government and Public Policy, Spring 2020-present.
- Search Committee, School of Government and Public Policy, Spring 2022.
- Promotion and Tenure ad hoc Committee, School of Government and Public Policy, Spring 2020.
- Search Committee, School of Government and Public Policy, Fall 2018.

Student Advising

Postdoctoral Researchers.

- YiJun Lin, Fall 2022 - present.
- Alejandro Beltrán, Fall 2021 - Spring 2022.
- Laura Saavedra-Lux, Fall 2021 - Spring 2022.
- Atal Ahmadzai, Fall 2019 - Spring 2021.
- Viveca Pavon, Fall 2018 - Spring 2019.

UA PhD Advisor / Dissertation Committee Member.

- Kevin Carson, Sociology, University of Arizona, 2024 - Present.
- SanHo Chung, School of Government and Public Policy, University of Arizona, 2022-2025.
- Fai Tosuratana, School of Government and Public Policy, University of Arizona, 2022-2024.
- Rachel Van Nostrand, School of Government and Public Policy, University of Arizona, 2021-2023.
- Alejandro Beltrán, School of Government and Public Policy, University of Arizona, 2018-2021.
- Matthew Cobb, School of Government and Public Policy, University of Arizona, 2018-2020.

External PhD Dissertation Advisor.

- Camilo Serrano, PhD Program in Political Science, Center for Economics Research and Teaching - Mexico City, CIDE, 2024-2025.
- Hector Sandoval, PhD Program in Social Sciences, Latin American Faculty of Social Sciences - Mexico, FLACSO, 2023-2025.

MA Thesis Advisor.

- Sofia Revilak, School of Journalism, University of Arizona, Fall 2020-2021.

Graduate Student Mentor.

- Eli Agnes, PhD in Government and Public Policy, School of Government and Public Policy, University of Arizona, 2025-present.
- Selin Yanik, PhD in Government and Public Policy, School of Government and Public Policy, University of Arizona, 2025-present.
- Kevin Carson, PhD in Sociology, Department of Sociology, University of Arizona, 2025-present.
- Alianna Casas, PhD in Government and Public Policy, School of Government and Public Policy, University of Arizona, 2023-present.
- Jacob Quintero, PhD in Applied Mathematics, Department of Mathematics, University of Arizona, Fall 2025.
- Brikena Liko, PhD in Human Computing Language, Department of Linguistics, University of Arizona, Spring 2025-Fall 2025.
- Edwin Alvarado, PhD in Government and Public Policy, School of Government and Public Policy, University of Arizona, 2021-present.
- Alexis Work, PhD in Government and Public Policy, School of Government and Public Policy, University of Arizona, 2018-2022.
- Mario Morales, PhD in Government and Public Policy, School of Government and Public Policy, University of Arizona, 2019-2021.
- Alejandro Beltrán, PhD in Government and Public Policy, School of Government and Public Policy, University of Arizona, 2018-2021.

Graduate Internship Supervisor.

- Amber Converse, MS in Human Language Technology, Linguistics, University of Arizona, 2024-present.
- Sarthak Chauhan, MS Data Science, Information School, University of Arizona, 2023-present.
- Anais Ruiz, MA Public Policy, School of Government and Public Policy, , 2023 - present.
- Elise Arellano-Thompson, PhD in Geography, School of Geography, 2023 - present.
- Eastern Kang, MS Data Science, Information School, University of Arizona, Spring 2022 - Fall 2022.

Undergraduate Honors Thesis Advisor.

- Maya Strysko, BA in Political Science, University of Arizona, Honors Thesis, 2023-2024.
- Ian Tisdale, BA in Philosophy, Politics, Economics, and Law (PPEL), University of Arizona, Honors Thesis, 2021-2022.

Undergraduate Student Advisor.

- Jocelyn Benítez, BA in Political Science, University of Arizona, SGPP Undergraduate Research Fellowship, Fall 2022.
- Dylan Leininger, BA in Political Science, University of Arizona, Honors Contract, Spring 2022.
- Manuel Galdamez, BA in Political Science, University of Arizona, SGPP Undergraduate Research Fellowship, 2021.
- Sara Torres, BA in Economics, University of Arizona, 2018-2019.
- Luna Ruiz, BA in Political Science, University of Arizona, 2018-2020.

Women in Science and Engineering (WISE) Program Mentor.

- Liliana Paola Salas Nino, School of Information, University of Arizona, 2021-2022.
- Alma Lizette Anides Morales, Department of Environmental Science, University of Arizona, 2020-2021.

Support for External Students.

- Dagmar Heintze, PhD in Political Science, University of Texas - Dallas, Fall 2024.
- Afraa Alshammari, Designated Campus Colleague at the University of Arizona, PhD in Computer Science, University of Texas - Dallas, Spring 2024.
- Tanmay Vakare, Designated Campus Colleague at the University of Arizona, MA in Computer Science, University of Texas - Dallas, Spring 2024.
- Mitha Alshammary, Designated Campus Colleague at the University of Arizona, PhD in Computer Science, University of Texas - Dallas, Spring 2024.
- Naif Alatrush, Designated Campus Colleague at the University of Arizona, PhD in Computer Science, University of Texas - Dallas, Spring 2024.
- Sultan Alsarra, Designated Campus Colleague at the University of Arizona, PhD in Computer Science, University of Texas - Dallas, Fall 2022-Spring 2024.
- Niamat Zawad, Designated Campus Colleague at the University of Arizona, PhD in Computer Science, University of Texas - Dallas, Fall 2022-Spring 2024.
- Juan Vasquez, PhD student in Computer Science, University of Colorado - Boulder, Spring 2023 - Fall 2023.
- Amin Birashk, Designated Campus Colleague at the University of Arizona, MA in Computer Science, University of Texas - Dallas, Spring 2023 - Fall 2023.
- Parker Withehead, Designated Campus Colleague at the University of Arizona, PhD in Computer Science, University of Texas - Dallas, Fall 2022-Spring 2023.
- Wooseong Yang, Designated Campus Colleague at the University of Arizona, MA in Computer Science, University of Texas - Dallas, Fall 2022-Spring 2023.
- Yibo Hu, Designated Campus Colleague at the University of Arizona, PhD in Computer Science, University of Texas - Dallas, Fall 2021-Spring 2023.
- Prajakti Akarte, Designated Campus Colleague at the University of Arizona, PhD in Political Science, University of Texas - Dallas, Fall 2021-Spring 2022.
- Shahreen Shahjahan Psyche, Designated Campus Colleague at the University of Arizona, MA in Computer Science, University of Texas - Dallas, Fall 2020.
- Zulia Y. Orozco Reynoso, Fulbright Visiting Fellow at John Jay College of Criminal Justice, Ph.D. in Urbanism, Universidad Nacional Autónoma de México, Spring 2017.

Promoting Diversity in Research Opportunities

I am committed to promoting diversity in paid research opportunities for undergraduate and graduate students in STEM. I have mentored 124 research assistants at the University of Arizona between Spring 2018 and Spring 2025. These are the general demographics of the research assistants who have worked on my projects:.

- Female: 64%
- Minorities: 95%

College Committees

University of Arizona.

- Center for Latin American Studies, Search Committee, Spring 2023.
- SBS Research Institute, Search Committee, Spring 2023.
- SBS Wildcat Suport Council (formerly SBS Diversity, Equity, and Inclusion Council), Fall 2022 - 2025.
- Computational Social Science Committee, Fall 2019 - present.
- Center for Latin American Studies, Search Committee, Fall 2019 - Spring 2020.
- Binational Consortium UA-UNAM, Coordinator of Human Security, College of Social and Behavioral Sciences, Spring 2018-present.

John Jay College of Criminal Justice.

- Adviser, Phi Sigma Alpha – Political Science Honor Society, John Jay College of Criminal Justice, City University of New York, Spring 2017 - Fall 2017.
- Co-Adviser, Phi Sigma Alpha – Political Science Honor Society, John Jay College of Criminal Justice, City University of New York, Spring 2016 - Fall 2017.
- Faculty Technology Committee, John Jay College of Criminal Justice, City University of New York, Spring 2015- Fall 2017.
- Grade Appeals Committee, Department of Political Science, John Jay College of Criminal Justice, City University of New York, Spring 2016 - Fall 2017.

CONFERENCES/SCHOLARLY PRESENTATIONS

Workshop Organizer

2025 "Large Language Models and Generative AI for Conflict Research" in collaboration with Patrick T. Brandt, Vito D'Orazio, and Latifur Khan, *Peace Science Society (International)*, Orlando, Florida, November 13-15, 2025.

"Virtual Research Group on Advancing the Use of Computational Tools in Political Science" in collaboration with Patrick T. Brandt, Vito D'Orazio, and Latifur Khan, *American Political Science Association - Virtual Research Meeting 2025*, virtual meeting, April 10-11, 2025.

Invited Presentations

2025 "Frameworks: Infrastructure for Political and Social Event Data using Machine Learning", *2025 NSF CSSI/Cybertraining/SCIPe PI Meeting*, Denver, CO, July 27-29, 2025.
10.6084/m9.figshare.29640821

"Legal Pluralism and the Provision of Taliban Governance in Afghanistan", *Non-State Armed Governance Workshop*, Penn State University - University Park, PA, May 1-2, 2025.

2024 "Retos en el Estudio de la Violencia Homicida en México", *Segunda Conferencia Internacional sobre Reducción de Homicidios - Universidad Iberoamericana*, Mexico City, November 28, 2024.

"Unfolding State Capture by Legalized Non-state Armed Actors in Colombia", *State Capacity, State Formation and Non-State Governance - University of Chicago - Harris School of Public Policy and Political Science Department*, Chicago, IL., November 18, 2024.

"Mapping Violent Presence of Armed Actors in Colombia", *Harvard University - Atrocity Prevention Lab*, Online Workshop, September 24, 2024.

"Identifying Conflict Event Data Across Languages: Applications of ConfliBERT in English, Arabic, and Spanish." with Amber Converse, *Human Rights Measurement Workshop - University of Rhode Island*, South Kingstown, RI, June 7-8, 2024. (Last minute cancellation due to personal emergency).

"Measuring Armed Governance: Evidence from Expert Surveys in Colombia and Afghanistan", *Human Rights Measurement Workshop - University of Rhode Island*, South Kingstown, RI, June 7-8, 2024. (Last minute cancellation due to personal emergency).

"Territory and Political Orders in Armed Governance: Evidence from Colombia and Afghanistan", *Non-State Armed Governance in Settings of Crime and War - City University of New York*, New York City, NY, June 4-7, 2024. (Last minute cancellation due to personal emergency).

"Unfolding State Capture by Legalized non-state Armed Actors in Colombia", *Crime: Law and Economic Analysis, CLEAN seminar - Buccini University*, Milan, Italy, April 24, 2024.

2023 "Classifying Organized Criminal Violence using ML and LLMs", *Tec de Monterrey - Campus Puebla*, Puebla, Puebla, Mexico, November 15, 2023.

"Demanda y Oferta de Gobernabilidad Criminal en México", *El Colegio de Jalisco*, Guadalajara, Jalisco, Mexico, August 24, 2023.

"Gobernabilidad Armada en México", *Universidad Autónoma de Guerrero*, Acapulco, Guerrero, July 15, 2023.

"Patterns of Armed Governance in Colombia: Evidence from an Expert Survey", *City University of New York*, Virtual conference, March 24, 2023.

"Roundtable: Multi-Method Research in Difficult Places", *Baruch College, City University of New York*, Virtual conference, March 10, 2023.

2022 "Drug Policy Reform Series #2: Regional Convergence Points", *Canadian Council for the Americas - Northwestern Political Science - Red de Estudios sobre Drogas en América Latina*, Virtual conference, November 17, 2022.

"Migraciones forzadas en la frontera sur de México y los efectos de las políticas migratorias", *UNAM Chicago - Centro de Investigaciones sobre América del Norte - Diálogos del Bicentenario de las Relaciones Diplomáticas México-Estados Unidos*, Virtual conference, November 9, 2022.

"Expert Workshop Series on the Regional and International Impact of Afghanistan's Illicit Economy", *The Geneva Centre for Security Policy (GCSP) and the Global Initiative Against Transnational Organized Crime (GI-TOC)*, Glion, Switzerland, October 25-26, 2022.

"Diseño de Políticas Públicas de Seguridad con Responsabilidad Social", *Universidad Iberoamericana - Puebla*, Puebla, Mexico, October 4, 2022.

"Rising Violent Crime in Mexico", *Harry Frank Guggenheim Foundation - Knowledge Against Violence Speaker Series (virtual conference)*, New York City, NY, September 22, 2022.

"Gobernabilidad Armada en Colombia", *Universidad Pedagógica y Tecnológica de Colombia - Foro Tejiendo Redes de Paz*, Tunja, Colombia, August 4, 2022.

"Gobernabilidad Armada en Colombia", *Federación Nacional de Consejales, FENACON - Seminario Nacional de Servidores Públicos*, Cartagena, Colombia, July 21-22, 2022.

Discussant on "Intersecting Drivers of Migration from Guatemala and Honduras: Poverty, Climate Change, and Violence" by Gabriela Nagle, Sarah Bermeo, and David Leblang, *UNAM - University of Arizona - Binational Research Consortium*, Virtual conference, May 25, 2022.

"Tracking Organized Crime Using Machine Learning and Text Analysis", *United Nations Office on Drugs and Crime UNODC - Multistakeholder Event on Strategies to Prevent and Combat Organized Crime Latin America and the Caribbean*, Panama City, Panama, March 30-31, 2022.

"Data in Contentious Politics Workshop / Webinar", *Mershon Center for International Studies - Ohio State University*, Virtual meeting, January 18-29, 2022.

2021 "Political and Criminal Violence in Latin America", *2021 Symposium on Resilience Research For Global Development Challenges of the University of Arizona*, Tucson, AZ, September 30 and October 1, 2021.

"Challenges and Opportunities for Evidence-Based Security Policies", *5th International Conference on Governance, Crime, and Justice Statistics, United Nations Office on Drugs and Crime, UNODC*, Virtual conference, June 16, 2021.

"Trends in Arms Trafficking between Mexico and the U.S.", *Arms Trafficking between the United States – Mexico, Mexican Ministry of Foreign Relations (Secretaría de Relaciones Exteriores)*, *The University of Arizona, National Autonomous University of Mexico (UNAM-Tucson)*, online, February 3, 2021.

2020 "Legacies of Resistance. Mobilization against Organized Crime and its Implications for Mexico-United States Relations" (Legados de Resistencia. Movilización Contra el Crimen Organizado y sus Implicaciones para las Relaciones México-Estados Unidos), *Tri-national Seminar on "Emerging Human Security Actors," National Autonomous University of Mexico (UNAM), North America Research Center (CISAN)*, and the *University of Arizona (UA)*, Mexico City, online, October 20, 2020.

"Roundtable on State Security Forces and Citizen Security", *Triangle Institute for Security Studies, University of North Carolina – Chapel Hill, Chapel Hill, NC*, online, September 17, 2020.

"Challenges and Opportunities for Policy Impact Evaluation in Central America", *conversations with Canadian Diplomats in Central America*, online, June 25, 2020.

2019 "Identificación Computarizada de Organizaciones Criminales en México", *VI International Seminar on Evidence Based Police Policies*, National Security Commission, Mexico City, Mexico, November 14, 2019.

"Mapping the Violent Presence of Armed Actors in Colombia", *Annual Meeting of the Department of Defense Minerva Research Initiative*, Washington D.C., September 18, 2019.

"Violencia del Crimen Organizado y Big Data", *Centro de Investigaciones Sobre América del Norte – Universidad Nacional Autónoma de México*, Mexico City, Mexico, June 6, 2019.

"Improving Pre-trial Justice: Experimental Evidence from El Salvador", *The Centro de Investigación y Docencia Económicas – Región Centro*, Aguascalientes, Mexico, March 29, 2019.

"Improving Pre-trial Justice: Experimental Evidence from El Salvador", *The University of Arizona Symposium on Policing, Prosecution and Power*, The University of Arizona, Tucson, AZ, March 22, 2019.

"Mapping Violent Presence of Armed Actors in Colombia", *The Centro de Investigación y Docencia Económicas – Región Centro*, Aguascalientes, Mexico, March 29, 2019.

"Mapping Violent Presence of Armed Actors in Colombia", *The Center for International Security and Cooperation, Stanford University*, Palo Alto, CA, January 17, 2019.

2018 "Criminal Analyst Certification", *III International Seminar on Evidence-Based Police Policies*, National Security Commission, Monterrey, Mexico, October 5, 2018.

"Multi-Actor Conflict and Violence in Colombia", *Center for Latin American Studies – Charlas con Café series, University of Arizona*, Tucson, AZ, October 12, 2018.

"Multi-Actor Conflict and Violence in Colombia", *Workshop on Criminal Violence, Centro de Investigación y Docencia Económicas, CIDE*, Mexico City, Mexico, August 23, 2018.

"Sources to Measure Violence in the Context of the SDG", *4th International Conference on Governance, Crime, and Justice Statistics, United Nations Office on Drugs and Crime (UNODC)*, Lima, Peru, June 5, 2018.

"Multi-Actor Conflict and Violence in Colombia", *Latin American and Iberian Institute, University of New Mexico*, Albuquerque, NM, April 9, 2018.

2017 "Identification of Methodologies for Designing and Evaluation Policy Interventions", *2nd International Seminar on Evidence Based Police Policies*, National Security Commission, Mexico City, Mexico, November 21-23, 2017.

"Multi-Actor Conflict and Violence in Colombia", *Political Science and Criminal Justice Lecture, University of Southern Alabama*, Mobile, AL, November 3, 2017.

"Multi-Actor Conflict and Violence in Colombia", *Comparative Politics Workshop of the Graduate Center at the City University of New York*, New York, NY, September 14, 2017.

2016 "Spanish Developments in Modernizing Political Event Data for Big Data Social Science Research", *National Science Foundation*, Arlington, VA, October 11, 2016.

"La Ciencia Política frente al Proceso de Paz en Colombia", *Keynote presentation prepared for the 10th Anniversary of the Political Science program, Universidad ICESI*, Cali, Colombia, October 7, 2016.

"Political (Dis)Order and Drug Violence in Mexico", *History Workshop of the Catholic University of The Holy Hearth (Universita Cattolica del Sacro Cuore)*, Milan, Italy, daJune 17, 2016te.

"Modernizing Political Event Data for Big Data Social Science Research", *Coalition for National Science Funding – American Political Science Association - United States House of Representatives*, Washington, D.C., April 26, 2016.

"Vigilante Mobilization and Local Order: Evidence from Mexico", *Conference on Micro-Comparative Studies of 20th Century Conflicts, Program on Order, Conflict, and Violence*, Yale University, New Haven, CT, April 23-26, 2016.

"Multi-Actor Conflict and Violence in Colombia", *School of Government and Public Policy at the University of Arizona*, Tucson, AZ, April 22, 2016.

"Quantitative methods for conflict research", *Hobart and William Smith Colleges*, Geneva, NY, January 22, 2016.

2015 "Support for Torture: Experimental Evidence from the Mexican War on Drugs", *4th Annual Dr. Han-Jyun Hou Conference on Political Violence*, Binghamton University, Binghamton, NY, September 28, 2015.

2014 "Automated Text Processing for Identifying Trends of Organized Criminal Violence", *Information Systems, Integral Security and Public Policies*, organized by *RELEASEDOR*, Cuenca, Ecuador, December 10, 2014.

"Guns, Drugs, and Military Aid: Exploring Unintended Effects of US Policy in Latin America", *Center for Global Development*, Washington, DC, September 27, 2014.

"The Impact of the War on Drugs in Latin America", *Rethinking the War on Drugs*, symposium sponsored by the Seventh Circuit Bar Association Foundation, Northwestern University School of Law and the Harvard Club of Chicago, Chicago, IL, February 20-21, 2014.

"Understanding Drug Violence in Mexico", *Issues Behind the News* conference series, Cornell University, Ithaca, NY, February 6, 2014.

"Democratization and Drug Violence in Mexico", *Instituto Tecnológico Autónomo de la Ciudad de México (ITAM)*, Mexico City, Mexico, January 23, 2014.

2013 "Democratization and Drug Violence in Mexico", *The Judith Reppy Institute for Peace and Conflict Studies*, Cornell University, Ithaca, NY, September 26, 2013.

"Drug Violence and the Challenges for Peacebuilding: Lessons from Colombia and Mexico", *USIP Peace Scholar Conference*, United States Institute of Peace, Washington DC, September 23-24, 2013.

"Retos metodológicos para la construcción de indicadores de seguridad", *First Annual Workshop of the Latin American Network on Security and Organized Crime (RELEASEDOR)*, San Salvador, El Salvador, May 2, 2013.

"Support for Torture: Experimental Evidence from the War on Drugs in Mexico", *Associates Conference of the Center for US-Mexican Studies*, School for International Relations and Pacific Studies, University of California, San Diego, CA, April 26, 2013.

2012 "Perspectives on the Mexican War on Drugs", *Meeting of the Board of Directors of The Harry Frank Guggenheim Foundation*, New York City, NY, December 11, 2012.

"Understanding Drug Violence in Mexico", *Meeting of The Harry Frank Guggenheim Foundation – Trans-Border Institute of the University of California at San Diego*, San Diego, CA, October 25-26, 2012.

"Democratization and Drug Violence in Mexico", *Program on Order, Conflict and Violence*, Yale University, New Haven, CT, October 17, 2012.

"Bits of Data", *Illicit Networks: Forces in Opposition (INFO) Summit*, Google Ideas, Westlake Village, CA, July 16-18, 2012.

"Spirals of Violence in Mexico", *Regional Report on Human Development and Citizen Security for Latin America*, United Nations Development Program (UNDP), Mexico City, Mexico, March 18-19, 2012.

"Democratization and Drug Violence in Mexico", *the Colloquium of the Department of Political Science, Florida State University*, Tallahassee, FL, February 8, 2012.

2011 "Dynamic and Structural Determinants of Drug Violence in Mexico", *Violence, Drugs and Governance: Conference on Mexican Security in Comparative Perspective*, Stanford University, Palo Alto, CA, October 3-4, 2011.

Invited Lectures

2025 "Legal Pluralism and the Provision of Taliban Governance in Afghanistan", *Escuela de Ciencias Sociales y Gobierno - Tecnológico de Monterrey*, Chihuahua, Chihuahua, Mexico, November 25, 2025.

"Del Dato al Titular: Cómo Interpretar y Comunicar Encuestas Electorales con Responsabilidad", *Workshop: "Cobertura Electoral con Evidencia y Ética: Segundo Taller de Formación Especializada para Periodistas"* organized by *Expediente Abierto y el Colegio de Periodistas de Honduras (CPH)*, Tegucigalpa, Honduras, November 8, 2025.

"The Demand and Supply of Criminal Governance in Latin America", *International Studies Institute (ISI), Lecture Series on Civil Wars*, University of New Mexico, Albuquerque, New Mexico, October 1, 2025.

"Evaluación de Estrategias para la Reducción de Homicidios" - Aula en Acción, *Universidad Iberoamericana CDMX*, Mexico City, Mexico, March 27, 2025.

"SGPP Arizona Policy Lab Roundtable Series: US Policy Towards Asia, Europe, and Latin America in the Trump Era", *University of Arizona*, Tucson, AZ, March 20, 2025.

"Organized Criminal Violence in Latin America", Speaker Series on Latin America, *Air War College - United States Air Force*, Maxwell Air Force Base, Montgomery, AL, scheduled for February 20, 2025.

"Protecting Women Amidst Conflict", *Center for Latin American Studies - University of Arizona*, Tucson, AZ, January 24, 2025.

2024 "Demanda y Oferta de Gobernabilidad Criminal en México", *Universidad Iberoamericana - Puebla*, Puebla, Mexico, April 11, 2024.

2023 "Gobernabilidad Armada. Lecciones de Colombia para México", *Universidad Autónoma de Tamaulipas*, Reynosa, Tamaulipas, Mexico, October 27, 2023.

"Gobernabilidad Armada. Lecciones de Colombia para México", *Universidad Autónoma de Coahuila*, Torreon, Coahuila, Mexico, October 25, 2023.

"Gobernabilidad Armada en México", *El Colegio de Jalisco*, Guadalajara, Jalisco, Mexico, August 25, 2023.

"Gobernanza Criminal", *Diplomado en Política de Drogas, Salud y Derechos Humanos 2023 - Centro de Investigación y Docencia Económicas (CIDE)*, Virtual conference, May 20, 2023.

"Conflict Event Datasets: Data generation and forecasting using ML", *Bureau of Conflict and Stabilization Operations (CSO), Office of Advanced Analytics, U.S. Department of State*, Virtual conference, April 24, 2023.

"Organized Criminal Violence in Latin America", Speaker Series on Latin America, *Air War College - United States Air Force*, Maxwell Air Force Base, Montgomery, AL, February 22-23, 2023.

2022 "Elections in Mexico", *Today in International Politics: Speaker Series*, Virtual conference, November 15-16, 2022.

"Human Security", *Binational Research Consortium University of Arizona - Universidad Nacional Autónoma de México*, Mexico City, Mexico, September 26-27, 2022.

2021 "Elecciones y Encuestas", *Expediente Abierto. Herramientas para el Periodismo en Contextos Electorales*, Virtual workshop, August 19 and 21, 2021.

"Migration flows from Central America into the US", *Master's program on Human Rights Practice at the University of Arizona*, Virtual conference, March 25, 2021.

2019 "Violence and Citizen Security in Latin America", *Masters of Public and International Affairs*, Ottawa University, Ottawa, Canada, online, November 6, 2019.

"Political Economy of Drug Violence in the Americas", *Advanced Practice of Studies in Spanish, Multilingual Solutions, Department of Defense*, Davis-Monthan Air Force Base, Tucson, AZ, October 24, 2019.

"Non-state Armed Actors in Colombia", *Advanced Practice of Studies in Spanish, Multilingual Solutions, Department of Defense*, Davis-Monthan Air Force Base, Tucson, AZ, October 24, 2019.

"Estrategias de Financiamiento para Proyectos de Investigación", *UA-UNAM Binational Consortium*, Mexico City, Mexico, September 13, 2019.

"Diseño de Proyectos de Investigación", *UA-UNAM Binational Consortium*, Mexico City, Mexico, September 12, 2019.

"Dinámicas de Violencia Criminal y Política del Narcotráfico en América Latina", *Program on Production, Trafficking, and Drug Policies in the Americas, Centro de Estudios sobre Seguridad y Drogas – Universidad de los Andes*, Bogota, Colombia, August 1, 2019.

2016 "Political (Dis)Order and Drug Violence in Mexico", *University of Southern Alabama*, Mobile, AL, November 3, 2016.

"Conflict multipolar y violencia en Colombia", *Master in Social and Political Studies, Universidad ICESI*, Cali, Colombia, October 7, 2016.

"Political (Dis)Order and Drug Violence in Mexico", *Hobart and William Smith Colleges*, Geneva, NY, April 27, 2016.

2015 "Understanding Drug Violence in Mexico", *Distinguished Visitors Program, Haverford College*, Haverford, PA, February 12, 2015.

2014 "Understanding Drug Violence in Mexico", *Public Policy Lecture Series, Reed College*, Portland, OR, December 4, 2014.

Conference Presentations

2025 "Unfolding State Capture by Legalized Non-state Armed Actors in Colombia", *Empirical Studies of Conflict (ESOC)*, Washington, DC, October 8-10.

"ConflBERT: A Language Model for Political Conflict", *American Political Science Association (APSA)*, Vancouver, BC, Canada, September 11-14.

"The Quality of Congressional Oversight of Foreign Policy", *American Political Science Association (APSA)*, Vancouver, BC, Canada, September 11-14.

"Disentangling Armed Governance in Colombia: Territory, Violence, Taxation, and Public Goods", *European Political Science Association, EPSA*, Madrid, Spain, June 26-28.

"Extractive versus Generative Language Models for Political Conflict Text Classification", *Large Language Models Workshop - European Political Science Association, EPSA*, Madrid, Spain, June 26-28.

Organizer of the Virtual Research Group on "Advancing the Use of Computational Tools in Political Science" as part of the APSA 2025 Virtual Research Meeting Political Science Research in a Virtual World, *American Political Science Association*, on line, April 10-11, 2025.

"Perceptions of Campus Safety and Trust on the Police: Experimental Evidence from the University of Arizona", *Annual American Society of Evidence-Based Policing Conference*, University of Arizona - Tucson, AZ, April 30 - May 2, 2025.

2024 "Keep it Local: Comparing Domain-Specific LLMs in Native and Machine Translated Text using Parallel Corpora on Political Conflict", *The 2nd International Conference on Foundation and Large Language Models (FLLM2024)*, Dubai, United Arab Emirates, November 26-29.

"Unfolding State Capture by Legalized Non-state Armed Actors in Colombia", *American Political Science Association (APSA)*, Philadelphia, PA, September 5-8, 2024.

"Protecting Women Amidst Conflict", *American Political Science Association (APSA)*, Philadelphia, PA, September 5-8, 2024.

"Demand and Supply of Criminal Governance: Experimental Evidence from Mexico, Honduras, Guatemala, and El Salvador", *Latin American Studies Association (LASA)*, Bogota, Colombia, June 12-15, 2024. (Last minute cancellation due to personal emergency).

"Demand and Supply of Criminal Governance: Experimental Evidence from Mexico, Honduras, Guatemala, and El Salvador", *Central American Politics Council*, New Orleans, LA, January 10, 2024.

2023 "ConflIBERT-Spanish: A Pre-trained Spanish Language Model for Political Conflict and Violence", *International IEEE Congress on Information Science and Technology, IEEE-CiSt 2023*, Agadir-Essaouria, Morocco, December 16-22.

"ConflIBERT-Spanish: A Pre-trained Spanish Language Model for Political Conflict and Violence", *Latin American Political Methodology, LAPolMeth 2023*, Recife, Brazil, November 17-18, 2023.

"Demand and Supply of Criminal Governance: Experimental Evidence from Mexico, Honduras, Guatemala, and El Salvador", *Conflict Research Society (CRS)*, London, UK, September 11-13, 2023.

"Classifying Organized Criminal Violence in Mexico using ML and LLM", *Recent Advances in Natural Language Processing, RANLP 2023 - The 6th Workshop on Challenges and Applications of Automated Extraction of Socio-political Events from Text, CASE 2023*, Varna, Bulgaria, September 7, 2023.

"Demand and Supply of Criminal Governance: Experimental Evidence from Mexico, Honduras, Guatemala, and El Salvador", *American Political Science Association (APSA)*, Los Angeles, CA, August 31 - September 3, 2023.

"Demand and Supply of Criminal Governance: Experimental Evidence from Mexico, Honduras, Guatemala, and El Salvador", *Jan Tinbergen European Peace Science Conference - Network of European Peace Scientists (NEPS)*, Bologna, Italy, June 26-28, 2023.

"Demand and Supply of Criminal Governance: Experimental Evidence from Mexico, Honduras, Guatemala, and El Salvador", *Latin American Studies Association (LASA)*, Vancouver, Canada, May 24-27, 2023.

"Patterns of Armed Governance in Colombia: Evidence from an Expert Survey", *International Studies Association (ISA)*, Montreal, Canada, March 15-18, 2023.

"Patterns of Armed Governance in Colombia: Evidence from an Expert Survey", *Latin American Peace Science Society (LAPSS)*, Medellín, Colombia, January 18-20, 2023.

2022 "Patterns of Armed Governance in Colombia: Evidence from an Expert Survey", *Illicit Economies and Extra-Legal Actors Conference - University of California, San Diego*, San Diego, CA, October 13-14, 2022.

"Conflict Forecasting with Event Data and Spatio-Temporal Graph Convolutional Networks" with Patrick T. Brandt, Vito D'Orazio, and Marcus Sianan, *International Studies Association (ISA)*, Nashville, TN, March 28 - April 2, 2022.

"Are Many Sets of Eyes Better Than One? Evaluating Multiple Geo-Referenced Databases of Armed Actors in Colombia", *International Studies Association (ISA)*, Nashville, TN, March 28 - April 2, 2022.

"Spoiler Alert: Dissidents and the Killing of Ex-combatants in Colombia" with Susan Brewer-Osorio, *Latin American Peace Science Society, (LAPSS) 2022*, Virtual meeting, January 19, 2022.

2021 "Revamping CAMEO event coding using ConflIBERT", *New Directions in Analyzing Text as Data, (TADA 2021)*, Ann Arbor, MI, October 28-29, 2021.

"Militarizing Law Enforcement and Organized Criminal Violence in Mexico", *La Red de Estudios Sobre Drogas en América Latina (REDESCDAL)*, Virtual meeting, May 28, 2021.

"Militarizing Law Enforcement and Organized Criminal Violence in Mexico", *Latin American Studies Association (LASA)*, Virtual meeting, May 26-29, 2021.

"Militarizing Law Enforcement and Organized Criminal Violence in Mexico", *International Studies Association (ISA)*, Virtual meeting, April 6-9, 2021.

"Militarizing Law Enforcement and Organized Criminal Violence in Mexico", *Latin American Peace Science Society (LAPSS)*, online, January 18-24, 2021.

"Transformer Models for Political Event Data", *Annual meeting of the Southern Political Science Association (SPSA)*, online, January 6-9, 2021.

2020 "Militarizing Law Enforcement and Organized Criminal Violence in Mexico", *North America meeting of the Peace Science Society (International)*, online, November 12-14, 2020.

"ViEWS Competition: Adding Event Data and Spatio-Temporal Graph Convolutional Networks", *Forecasting Changes in Monthly Fatalities in Armed Conflict*, Uppsala, Sweden, online, October 8-9, 2020.

"Tracking Non-State Armed Actors in Afghanistan Using ML and NLP in Arabic", *Annual Meeting of the American Political Science Association (APSA)*, online, September 9-13, 2020.

"Mapping Violence to Build Sustainable Peace", *ESRI User Conference*, online, July 13-16, 2020.

"Enhancing the Detection of Criminal Organizations in Mexico using ML and NLP", *Conference Proceedings of the IEEE World Congress on Computational Intelligence. (WCCI 2020)*, Virtual conference, Glasgow, Scotland, United Kingdom, July 19-24, 2020.

"An Online Structured Political Event Dataset based on CAMEO Ontology", *International Conference on Web and Social Media (ICWSM 2020)*, Atlanta, Georgia - Conference canceled due to COVID-19., June 8-11, 2020.

"Militarizing Law Enforcement and Organized Criminal Violence in Mexico", *Security and Criminality in the Americas Conference: Assessing the First Two Decades of the 21st Century.*, Oxford University, Oxford, UK - Conference canceled due to COVID-19, June 3-4, 2020.

"Distinct cravings: Natural Resources and Violence Intensity from Distinct Armed Actors in Colombia", *Latin American Studies Association (LASA)*, Guadalajara, Mexico - Conference held online due to COVID-19, May 13-16, 2020.

"Supervised Event Coding from Text Written in Arabic: Introducing Hadath", *Automated Extraction of Socio-Political Events from News (AESPEN) at the Language Resources and Evaluation Conference (LREC 2020)*, Virtual Conference, Marseille, France, 11-16, May, 2020.

"Using Computers to Read Arabic Text to Identify Conflict Trends in Afghanistan", *U.S. Department of Defense, 3rd Annual Science, Technology, and Innovation Exchange (STIx 2020)*, Washington D.C. - Conference canceled due to COVID-19, April 28-29, 2020.

"Are Many Sets of Eyes Better than One? Evaluation Multiple Geo-Located Databases of Armed Actor Territories in Colombia", *International Studies Association (ISA)*, Honolulu, Hawaii - Conference canceled due to COVID-19, March 25-28, 2020.

"Militarizing Law Enforcement and Organized Criminal Violence in Mexico", *Public Choice Society*, Newport Beach, CA, - Conference canceled due to COVID-19, March 12-14, 2020.

"Are Many Sets of Eyes Better than One? Evaluation Multiple Geo-Located Databases of Armed Actor Territories in Colombia", *Latin American Peace Studies Society (LAPSS)*, Medellin Colombia, January 17-18, 2020.

"Are Many Sets of Eyes Better than One? Evaluation Multiple Geo-Located Databases of Armed Actor Territories in Colombia", *Four Corners Conflict Conference (4CCN)*, University of Arizona, Tucson, AZ, February 24-25, 2020.

2019 "Are Many Sets of Eyes Better than One? Evaluation Multiple Geo-Located Databases of Armed Actor Territories in Colombia", *Building Sustainable Peace: Ideas, Evidence, and Strategies*, Notre Dame, IN, November 7-10, 2019.

"Land-Grabbing in Civil Conflict: Non-State Actors and Property in Colombia" with Camilo Prado and Desmond Arias, *Annual meeting of the American Political Science Association (APSA)*, Washington D.C., August 29, 2019.

"Reducing Pretrial Detentions: Evidence from a Randomized Policy Intervention in El Salvador", with Michael Weintraub, Andres Ham, and Reynaldo Rojo, *Annual meeting of the American Political Science Association (APSA)*, Washington D.C., August 29, 2019.

"Mapping Violent Presence of Armed Actors in Colombia" with Mohamed Mohamed, Viveca Pavon, and Susan Brewer-Osorio, *International Cartographic Conference (ICC) 2019*, Tokyo, Japan, July 15-20, 2019.

"Innovations in Pre-trial Justice in El Salvador", *Pre-trial Innovators Conference, PI-CON 2019*, Denver, CO, March 14-15, 2019.

"Increasing Female Police Recruitment in El Salvador", *The Politics of Policing - Conflict Consortium*, Virtual conference , January 15, 2019.

2018 "Quality Control of Human and Computer Coding of Event Data: An Application on Protest" with Viveca Pavon Maryam Imani, Jennifer Holmes, and Patrick T. Brandt , *Mini-conference on Computational Social and Behavioral Sciences at the University of Arizona*, Tucson, AZ, October 28, 2018.

"Primary Prevention: Police School Interventions in Honduras" with Michael Weintraub, Andres Ham, and Reynaldo Rojo , *Annual meeting of the American Political Science Association (APSA)*, San Francisco, CA, August 30 – September 2, 2018.

"Multi-Actor Conflict and Violence in Colombia," with Susan Brewer-Osorio, *Annual meeting of the American Political Science Association (APSA)*, San Francisco, CA, August 30 – September 2, 2018.

"Multi-Actor Conflict and Violence in Colombia," with Susan Brewer-Osorio, *Annual Convention of the International Studies Association (ISA)*, San Francisco, CA, April 7, 2018.

2017 "Mapping Violent Presence of Armed Actors in Colombia," with Mohamed Mohamed, Viveca Pavon, and Susan Brewer-Osorio, *International GIS Day 2018 at the University of Arizona*, Tucson, AZ, November 14, 2018.

"Redefining Gold Standard Records for Event Data: an Application on Protest," with Viveca Pavon, Jennifer Holmes, and Patrick T. Brandt, *Annual Fall Research Conference of the Association for Public Policy Analysis and Management (APPAM)*, Chicago, IL, November 2-4, 2017.

"Redefining Gold Standard Records for Event Data: an Application on Protest," with Viveca Pavon, Jennifer Holmes, and Patrick T. Brandt, *Annual meeting of the American Political Science Association (APSA)*, San Francisco, CA, August 31 – September 3, 2017.

"Translating CAMEO: Documenting the translation into Spanish," with Viveca Pavon, Jennifer Holmes, Sayeed Salam, and Patrick T. Brandt, *Annual meeting of the Midwest Political Science Association (APSA)*, Chicago, IL, April 6-9, 2017.

"Support for Torture: Experimental Evidence from the War on Drugs in Mexico", *Annual Convention of the International Studies Association (ISA)*, Baltimore, Maryland, February 23, 2017.

2016 "Multi-language Event Coding Using Eventus ID", *Annual meeting of the American Political Science Association (APSA)*, Philadelphia, PA, September 2, 2016.

"Vigilante Mobilization and Local Order: Evidence from Mexico", *Annual meeting of the Latin American Studies Association (LASA)*, New York City, NY , May 27-30, 2016.

"Vigilante Mobilization and Local Order: Evidence from Mexico", *Annual meeting of the Midwest Political Science Association (MPSA)*, Chicago, IL, April 7-10, 2016.

"Vigilante Mobilization and Local Order: Evidence from Mexico", *Annual meeting of the International Studies Association (ISA)*, Atlanta, GA, March 17, 2016.

2015 "Supervised Event Coding From Text Written in Spanish: Introducing Eventus ID", *Annual meeting of the Midwest Political Science Association (MPSA)*, Chicago, IL, May, 2015.

"Support for Torture: Experimental Evidence from the War on Drugs in Mexico", *Annual Meeting of the Latin American Studies Association (LASA)*, San Juan, Puerto Rico, May 27-30, 2015.

"Support for Torture: Experimental Evidence from the War on Drugs in Mexico", *Annual meeting of the Midwest Political Science Association (MPSA)*, Chicago, IL, April 2015.

2014 "Temporal Dynamics of Drug Violence in Mexico", *Annual meeting of the Latin American Studies Association (LASA)*, Chicago, IL, May 21-24, 2014.

"The Contagion of Drug Violence. Spatio-temporal dynamics of the Mexican war on drugs", *Conference "Violence and Security in Latin America" organized by the Mario Einaudi Center for International Studies*, Cornell University, Ithaca, NY, May 5, 2014.

"The Contagion of Drug Violence. Spatio-temporal dynamics of the Mexican war on drugs", *Annual Conference of the Midwest Political Science Association (MPSA)*, Chicago, IL, May 2014.

2013 "Temporal Dynamics of Drug Violence in Mexico", *ISA ISSS-ISAC Joint Annual Conference 2013*, Washington D.C., October 4th, 2013.

"The Contagion of Drug Violence. Spatio-temporal dynamics of the Mexican war on drugs", *ISA ISSS-ISAC Joint Annual Conference 2013*, Washington D.C., October 4th, 2013.

"Democratization and Drug Violence in Mexico", *Annual meeting of the American Political Science Association (APSA)*, Chicago, IL, August 2013.

"Democratization and Drug Violence in Mexico", *Harvard-MIT-Yale Conference on Political Violence, Harvard University*, Boston, MA, April 27, 2013.

2012 "Carrots and Sticks: Experimental Evidence of Vote Buying and Voter Intimidation in Guatemala" with Ezequiel Gonzalez Ocantes, Chad Kiewiet de Jonge, Carlos Melendez, and David Nickerson, *Annual meeting of the American Political Science Association (APSA)*, Chicago, IL, August 20.

"Dynamics of Drug Violence in Mexico", *Annual meeting of the American Political Science Association (APSA)*, New Orleans, August 2012.

"Estimating the Effect of Punitive Counternarcotic Strategies on Criminal Violence: Evidence from the Mexican War on Drugs" with Reynaldo Rojo, *Annual meeting of the American Political Science Association (APSA)*, New Orleans, August 2012.

"The Onset and Escalation of Drug Violence in Mexico", *Annual meeting of the Midwest Political Science Association (MPSA)*, Chicago, IL, April 2012.

2011 "Support for Torture: Experimental Evidence from the War on Drugs in Mexico", *Annual Conference of the American Political Science Association (APSA)*, Seattle, September 2011.

"Understanding the Escalation of Drug Violence in Mexico", *5th Annual Conference of the International Society for the Study of Drug Policy (ISSDP)*, Utrecht, Netherlands, May 2011.

"Understanding the Escalation of Drug Violence in Mexico", *Annual meeting of the Midwest Political Science Association (MPSA)*, Chicago, IL, May 2011.

2010 "Reassessing vote buying in Mexico", *Seminar on Politics and Government*, at Centro de Investigación y Docencia Económicas (CIDE), Mexico City, Mexico, October 20, 2010.

"Reassessing vote buying in Mexico", *Annual meeting of the Midwest Political Science Association (MPSA)*, Chicago, IL, April 2010.

2009 "Why politicians choose transparency?", *Annual meeting of the Latin American Studies Association (LASA)*, Rio de Janeiro, Brazil, June 2009.

"Indigenous and partisan protest in Oaxaca", *Annual meeting of the Midwest Political Science Association (MPSA)*, Chicago, IL, date.

April 2009.

OTHER SKILLS

Languages

Spanish Native Speaker.

Fluent in English.

Quantitative Analysis and Computing Skills

Data analysis: R, Python, and Stata.

Geographic Information Systems: ArcGIS Pro, and ArcGIS Online.

Online survey tools: Qualtrics.

Utilities: LaTeX, R Markdown, and Jupyter Notebook.

Agile apps: Monday, and Trello.