

# JAVIER OSORIO

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## ACADEMIC POSITIONS

2018-present – Assistant Professor, School of Government and Public Policy, University of Arizona.  
2018 – Research Associate, Research Foundation of the City University of New York.  
2013-2017 – Assistant Professor, John Jay College of Criminal Justice, City University of New York.  
2013-2014 – Post-doctoral Fellow. Mario Einaudi Center for International Studies, Cornell University.  
2012-2013 – Pre-doctoral Fellow. Program on Order, Conflict and Violence, Yale University.

## DIRECTORSHIP

2016-2017 – Program Director, Academy for Security Analysis.  
2016 – Founder, Academy for Security Analysis.

## EDUCATION

Ph.D. Political Science, University of Notre Dame, August 2013.  
Dissertation title “Hobbes on Drugs: Understanding drug violence in Mexico.”  
Committee members: Christian Davenport (Chair), Michael Coppedge, and Monika Nalepa.  
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.  
M.A. Political Science, University of Notre Dame, 2010.  
B.A. Political Science and International Relations, Centro de Investigación y Docencia Económicas (CIDE), Mexico City, Mexico, 2004.  
International Exchange Program, Växjö University, Växjö, Sweden, 2001.

## SPECIALIZED TRAINING

### *Geospatial analysis and econometrics*

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

### *Automated textual analysis*

Tools for Text, Computer Annotation for Content Analysis, University of Washington, 2010.

### *Quantitative methods*

Empirical Implications of Theoretical Models (EITM), Princeton University, 2012.  
ICPSR summer program, University of Michigan, 2008.

## PUBLICATIONS

### *Peer-Reviewed Journal Publications*

- 2020 (*forthcoming*). Osorio, Javier, Livia Schubiger, and Michael Weintraub, “Legacies of Resistance: Mobilization Against Organized Crime in Mexico,” *Comparative Political Studies*, conditionally accepted.
2020. Gonzalez, Ezequiel, Chad Kieweit 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. Osorio, Javier, Viveca Pavon, Jennifer Holmes, Sayeed Salam, Patrick T. Brandt, and Latifur Khan, “Translating CAMEO: Documenting the semi-automated translation of verb dictionaries into Spanish” *International Interactions*, 45(6): 1049-1064.
2018. Osorio, Javier, Livia Schubiger, and Michael Weintraub, “Disappearing Dissent? Repression and State Consolidation in Mexico,” *Journal of Peace Research*, 55(2): 252-266.
2017. Osorio, Javier, Alejandro Reyes, “Supervised Event Coding from Text Written in Spanish: Introducing Eventus ID,” *Social Science Computer Review*, 35(3): 406-416.
2015. Osorio, Javier, “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 Kieweit de Jonge, Carlos Melendez, David Nickerson, and Javier Osorio, “Social Desirability Bias in Vote Buying: Experimental Evidence From Nicaragua,” *American Journal of Political Science*, 56(1): 202-217.

### *Peer-Reviewed Conference Publications*

- 2020 (*forthcoming*). Osorio, Javier, and Alejandro Beltrán, “Enhancing the Detection of Criminal Organizations in Mexico using ML and NLP,” Conference Proceedings of the IEEE World Congress on Computational Intelligence, Glasgow, Scotland, United Kingdom, July 19-24, 2020.
2019. Osorio, Javier, Mohamed Mohamed, Viveca Pavon, and Susan Brewer-Osorio, “Mapping Violent Presence of Armed Actors,” *Advances in Cartography in GIScience of the International Cartographic Association*, Vol. 1, 1-16.

### *Refereed book chapters*

2012. Osorio, Javier, “Las Causas Estructurales de la Violencia: Evaluación de Algunas Hipótesis” in 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, 73-132 (in Spanish).

### *Published working papers*

2014. Osorio, Javier, “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.

## WORK IN PROGRESS

### *Articles under review*

- Osorio, Javier, Alejandro Reyes, Alejandro Beltrán, Atal Ahmadzai, “Supervised Event Coding from Text Written in Arabic: Introducing Hadath,” under review at the Automated Extraction of Socio-Political Events from News (AESPEN) at the Language Resources and Evaluation Conference (LREC 2020), Marseille, France, 11-16 May, 2020.

Salam, Sayeed, Patrick Brandt, Jennifer Holmes, Vito D’Orazio, Javier Osorio, Latifur, Khan, “An Online Structured Political Event Dataset based on CAMEO Ontology,” under review at the International Conference on Web and Social Media (ICWSM 2020), Atlanta, Georgia, June 8-11, 2020.

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

### **Articles in preparation**

Osorio, Javier, Michael Weintraub, Andres Ham, and Reynaldo Rojo, “Reducing Pre-trial Detentions: Experimental evidence from El Salvador,” field experiment implemented in collaboration with *Procuraduría General de la República de El Salvador*.

Osorio, Javier, Michael Weintraub, Andres Ham, and Reynaldo Rojo, “A Gender-Based Approach to Justice: Training Judges in El Salvador,” field experiment implemented in collaboration with *Consejo Nacional de la Judicatura de El Salvador*.

Ham, Andres, Michael Weintraub, Javier Osorio, and Reynaldo Rojo, “Improving Victim Assistance for Extortion Cases,” field experiment implemented in collaboration with *Fiscalía de Sección contra el Delito de Extorsión - Ministerio Público de Guatemala*.

Rojo, Reynaldo, Javier Osorio, Michael Weintraub, and Andres Ham, “Violence Prevention through Inclusive and Participatory Methodologies,” field experiment implemented in collaboration with *Unidad de Prevención Comunitaria de la Violencia - Ministerio de Gobernación de Guatemala*.

Rojo, Reynaldo, Javier Osorio, Michael Weintraub, and Andres Ham, “Increasing Access to Justice for Vulnerable Groups: an Intervention with Judicial Facilitators in Honduras,” field experiment implemented in collaboration with *Poder Judicial de Honduras*.

Osorio, Javier, “Political (Dis)Order and Drug Violence in Mexico.”

Osorio, Javier, Livia Schubiger, and Michael Weintraub “Vigilante Mobilization and Local Order: Evidence from Mexico.”

Osorio, Javier, Susan Brewer-Osorio, “Multi-Actor Conflict and Violence in Colombia.”

Osorio, Javier, “Support for Torture. Experimental Evidence from the War on Drugs in Mexico.”

Osorio, Javier, “Multi-language Coding of Event Data Using Eventus ID”

Osorio, Javier, Viveca Pavon, Jennifer Holmes, and Patrick T. Brandt “Modernizing Gold Standard Records for protest event data in English and Spanish.”

### **Book manuscript in preparation**

“Hobbes on Drugs: Understanding Drug Violence in Mexico.”

## **SOFTWARE**

My software is available in GitHub <https://github.com/javierosorio>

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

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

Javier, Osorio, Alejandro Reyes, (2019) “GWR – Gigaword randomizer,” version 1.0, Perl programming language.

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

- Javier, Osorio, and Alejandro Reyes, (2014), “Eventus ID: Supervised Event Coding From Text Written in Spanish,” version 2.0, Perl programming language, Copyright registration number 1-1520103493.
- Javier, Osorio, and Alejandro Reyes, (2014), “Web2Eventus,” version 2.0, Perl programming language, Copyright registration number 1-1520103568.
- Javier, Osorio, and Alejandro Reyes, (2014), “Web Text Downloader,” Version 2.0, Delphi programming language, Copyright registration number 1-1520103399.

## DATABASES

- Osorio, Javier, Mohamed Mohamed, Viveca Pavon, and Susan Brewer-Osorio, (2019), Violent Presence of Armed Actors (ViPAA) in Colombia, 1988-2017, <https://www.colombiaarmedactors.org/>
- Javier, Osorio, (2012), Organized Crime Violence Event Data in Mexico (OCVED), 2000-2010, Mexico City.
- Javier, Osorio, (2004), Postelectoral Protest in Oaxaca from 1992 to 1998. (CPOAX), Mexico City.

## NON-REFEREED PUBLICATIONS

### *Non-refereed journals*

- Osorio, Javier and Christopher Sullivan (2010), “What the Afghan War Diary Really Tells Us,” *Small Wars Journal*, 2010, available at <https://smallwarsjournal.com/blog/journal/docs-temp/532-osoriosullivan.pdf>
- Osorio, Javier, (2010), “¿Es Posible Contabilizar la Compra del Voto en México?”, *FEPADE Difunde*, Num. 19, 135-152, (in Spanish).

### *Commissioned academic reports*

- Gonzalez, Ezequiel, Chad Kieweit de Jonge, Carlos Melendez, David Nickerson, and Javier Osorio, (2014), *Informe Especial Sobre Libertad del Sufragio en México*, Mexico City, Instituto Federal Electoral.
- Gonzalez, Ezequiel, Chad Kieweit de Jonge, Carlos Melendez, David Nickerson, and Javier Osorio, (2012), *Aproximación a las percepciones de la ciudadanía sobre la compra de votos y la intimidación de votantes en el régimen político guatemalteco*, Guatemala City, Guatemala: National Democratic Institute (in Spanish).
- Osorio, Javier, (2012), *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.

## AWARDS

- 2017 CUNY – Certificate of Recognition from The City University of New York (CUNY) for securing major institutional grant funds during calendar year 2016, May 3, 2017.
- 2017 MPSA - Best Paper by an Emerging Scholar Award, Midwest Political Science Association (MPSA), for the paper "Vigilante Mobilization and Local Order: Evidence from Mexico" with Michael Weintraub and Livia Schubiger, presented at the MPSA conference in April 2016.
- 2016 CUNY – Certificate of Recognition from The City University of New York (CUNY) on the occasion of the “Salute to Scholars” for outstanding scholarly achievements, December 6, 2016.
- 2015 UNODC - 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).

## **GRANTS AND FELLOWSHIPS**

### ***Research grants***

- 2020-2022 - NSF - 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 - DHS – Co-PI – Disciplinary theory and Advanced social-behavioral sciences Research-methods Training (DART), Department of Homeland Security (DHS), with Demis Glasford (PI), Amy Adamczyk (Co-PI), and Joshua Freilich (Co-PI), \$1,000,000.
- 2017-2020 - DOD - Co-PI - A Nested Mixed-Methods Approach to Armed Non-State Actor Governance and the Rule of Law. Department of Defense (DOD) - Minerva Research Initiative, Proposal No. 71623-LS-MRI, with Desmond Arias (PI), Vanda Felab/Brown (Co-PI), Harold Trinkunas (Co-PI), \$1,500,000.
- 2016-2020 - USAID - 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 - NSF - 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.

### ***Post-doctoral fellowships***

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

### ***Pre-doctoral fellowships***

- 2012-2013 - Pre-Doctoral Fellowship, Program on Order, Conflict and Violence, Yale University.
- 2012-2013 - Dissertation Fellowship, Harry Frank Guggenheim Foundation.
- 2012-2013 - Pre-Doctoral Fellowship, Center of U.S. – Mexican Studies, University of California San Diego, declined.
- 2012-2013 - Dissertation Year Fellowship, Kellogg Institute, University of Notre Dame, declined.

### ***Grants for dissertation research***

- 2011 NSF - Doctoral Dissertation Research Improvement Grant, National Science Foundation.
- 2011 SSRC-OSF - Drugs, Security and Democracy Fellowship, Social Science Research Council – Open Society Foundations.
- 2011 USIP - Jennings Randolph Peace Scholarship Dissertation Program, United States Institute of Peace.
- 2011 ND - Graduate Research Grant, Kellogg Institute for International Studies, University of Notre Dame.

### ***For training, travel and other research***

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

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

2012 - NSF - EITM Fellowship, National Science Foundation.

2011 - ISDP-OSF - Latin American Student Grant, International Society for the Study of Drug Policy - Open Society Foundations, Utrecht, Netherlands.

2010 - ND - Graduate Student Research Award, ISLA, University of Notre Dame.

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

2010 - ND - Notabaert Travel Grant, University of Notre Dame.

2009 - ND - Downs Travel Grant, University of Notre Dame.

2009 - ND - Graduate Research Grant, Kellogg Institute, University of Notre Dame.

2009 - ND - Professional Development Grant, ISLA, University of Notre Dame.

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

2007 - Fulbright-Garcia Robles for Doctoral Students, declined.

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

## TEACHING EXPERIENCE

### *Academic courses*

At the University of Arizona:

“Micro-dynamics of Political and Criminal Violence,” POL 669, graduate, PhD program in Political Science, Spring 2020.

“Introduction to Comparative Politics,” session on “Mexico” POL 204, undergraduate, online course, Spring 2020.

“Panel Data Analysis,” POL 685, graduate, PhD program in Political Science, Fall 2019.

“Micro-dynamics of Political and Criminal Violence,” POL 669, graduate, PhD program in Political Science, Spring 2019.

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

At John Jay College of Criminal Justice, City University of New York:

“Capstone Seminar – International Criminal Justice,” ICJ 770, graduate, Master of Arts program in International Criminal Justice, Spring 2015.

“Colloquium on Research in Government and Politics,” POL 409, undergraduate, Political Science, Spring 2015 and Spring 2016.

“Comparative Politics,” POL 257, undergraduate, Political Science, Fall 2014 and Spring 2015.

“Politics of Transnational Crime – Research Intensive,” POL 325, undergraduate, Political Science, Fall 2015.

“Politics of International Security,” POL 328, Spring 2016, Fall 2017.

At Cornell University:

“Political Economy of Drug Violence”, undergraduate, Senior Seminar, Department of Government, Spring 2014.

At the University of Notre Dame:

Statistical Consultant, graduate, Department of Political Science, Spring 2009 – Fall 2010.

Teaching Assistant, “Introduction to Comparative Politics,” undergraduate, Fall 2008.

### *Special methods workshops in the United States*

“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.

### ***Special methods workshops abroad delivered in Spanish***

“Codificación de Eventos usando Eventus ID,”

Comisión de la Verdad de Colombia, Bogotá, Colombia, December 13, 2019.

Jurisdicción Especial para la Paz de Colombia, Bogotá, Colombia, December 12, 2019.

“Crime Mapping Techniques”

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

“Introducción a Eventus ID para codificación computarizada de eventos de texto escrito en Español”

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” (*Computerized Textual Analysis: Generating Event Data*) – Academia para el Análisis de Seguridad, San Salvador, El Salvador, January, 2018.

“Análisis de Regresión Lineal” (*Linear Regression Analysis*) – Academia para el Análisis de Seguridad, San Salvador, El Salvador, June, 2017.

“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 - OUR Summer Research Internship, in collaboration with Erick Alonzo, Office of Undergraduate Research, Summer 2015.

2014 - OUR Research-Intensive Course Design, Office of Undergraduate Research and the Office of Undergraduate Studies, Fall 2014.

## **INVITED PRESENTATIONS**

### **2019**

“Identificación Computarizada de Organizaciones Criminales en México,” presentation prepared for the VI International Seminar on Evidence Based Police Policies, National Security Commission, Mexico City, Mexico, November 14, 2019.

“Violence and Citizen Security in Latin America,” online guest lecture for the Masters of Public and International Affairs, Ottawa University, Ottawa, Canada, November 6, 2019.

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

“Mapping the Violent Presence of Armed Actors in Colombia,” presentation prepared for the Annual Meeting of the Department of Defense Minerva Research Initiative, Washington D.C. September 18, 2019.

“Estrategias de Financiamiento para Proyectos de Investigación,” presentation prepared for the UA-UNAM Binational Consortium, Mexico City, Mexico, September 13, 2019.

“Diseño de Proyectos de Investigación,” presentation prepared for the UA-UNAM Binational Consortium, Mexico City, Mexico, September 12, 2019.

- “Dinámicas de Violencia Criminal y Política del Narcotráfico en América Latina,” presentation prepared for the 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.
- “Violencia del Crimen Organizado y Big Data,” presentation prepared for the 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,” presentation prepared for The Centro de Investigación y Docencia Económicas – Región Centro, Aguascalientes, Mexico, March 29, 2019.
- “Improving Pre-trial Justice: Experimental Evidence from El Salvador,” presentation prepared for 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,” presentation prepared for 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,” panel presenter, III International Seminar on Evidence Based Police Policies, National Security Commission, Monterey, Mexico, October 5, 2018.
- “Multi-Actor Conflict and Violence in Colombia,” with Susan Brewer-Osorio, presented at the Center for Latin American Studies – Charlas con Café series, University of Arizona, Tucson, AZ, October 12, 2018.
- “Multi-Actor Conflict and Violence in Colombia,” prepared for the Workshop on Criminal Violence, Centro de Investigación y Docencia Económicas, CIDE, Mexico City, August 23, 2018.
- “Sources to Measure Violence in the Context of the SDG,” panel moderator, 4<sup>th</sup> International Conference on Governance, Crime, and Justice Statistics, United Nations Office on Drugs and Crime (UNODC), Lima, Peru, June 5<sup>th</sup>, 2018.
- “Multi-Actor Conflict and Violence in Colombia,” prepared for the Latin American and Iberian Institute, University of New Mexico, Albuquerque, NM, April 9, 2018.

## **2017**

- “Identification of Methodologies for Designing and Evaluation Policy Interventions,” 2<sup>nd</sup> International Seminar on Evidence Based Police Policies, National Security Commission, November 21-23, Mexico City, 2017.
- “Multi-Actor Conflict and Violence in Colombia,” prepared for the Political Science and Criminal Justice Lecture, University of Southern Alabama, Mobile, AL, November 3, 2017.
- “Multi-Actor Conflict and Violence in Colombia,” prepared for the Comparative Politics Workshop of the Graduate Center at the City University of New York, New York, NY, September 14, 2017.

## **2016**

- “Political (Dis)Order and Drug Violence in Mexico,” invited lecture at the University of Southern Alabama, Mobile, AL, November 3, 2016.
- “Spanish Developments in Modernizing Political Event Data for Big Data Social Science Research,” prepared for the National Science Foundation, Arlington, VA, October 11, 2016.
- “Conflicto multipolar y violencia en Colombia,” prepared for the Master in Social and Political Studies, Universidad ICESI, Cali, Colombia, October 7, 2016.
- “La Ciencia Política frente al Proceso de Paz en Colombia,” Keynote presentation prepared for the 10<sup>th</sup> Anniversary of the Political Science program, Universidad ICESI, Cali, Colombia, October 7, 2016.



“Political (Dis)Order and Drug Violence in Mexico,” prepared for the History Workshop of the Catholic University of The Holy Heart (*Universita Cattolica del Sacro Cuore*), Milan, Italy, June 17, 2016.

“Political (Dis)Order and Drug Violence in Mexico,” invited lecture at Hobart and William Smith Colleges, Geneva, NY, April 27, 2016.

“Modernizing Political Event Data for Big Data Social Science Research,” prepared for the 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,” prepared for the Conference on Micro-Comparative Studies of 20<sup>th</sup> Century Conflicts, Program on Order, Conflict, and Violence, Yale University, New Haven, CT, April 23-26, 2016.

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

“Quantitative methods for conflict research,” invited lecture at Hobart and William Smith Colleges, Geneva, NY, January 22, 2016.

### **2015**

“Support for Torture: Experimental Evidence from the Mexican War on Drugs,” 4<sup>th</sup> Annual Dr. Han-Jyun Hou Conference on Political Violence, Binghamton University, September 28, 2015.

“Understanding Drug Violence in Mexico,” prepared for the distinguished Visitors Program, Haverford College, Haverford, PA, February 12, 2015.

### **2014**

“Automated Text Processing for Identifying Trends of Organized Criminal Violence,” presentation prepared for the workshop “Information Systems, Integral Security and Public Policies” organized by REASEDOR, Cuenca, Ecuador, December 10, 2014.

“Understanding Drug Violence in Mexico,” prepared for the Public Policy Lecture Series, Reed College, Portland, OR, December 4, 2014.

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

“The Impact of the War on Drugs in Latin America,” prepared for the 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,” prepared for the Issues Behind the News conference series, Cornell University, Ithaca, NY, February 6, 2014.

“Democratization and Drug Violence in Mexico,” prepared for the *Instituto Tecnológico Autónomo de la Ciudad de México* (ITAM), Mexico City, January 23, 2014.

### **2013**

“Democratization and Drug Violence in Mexico,” prepared for the 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,” prepared for the USIP Peace Scholar Conference, United States Institute of Peace, Washington D.C., September 23-24, 2013.

“Retos metodológicos para la construcción de indicadores de seguridad,” prepared for the First Annual Workshop of the Latin American Network on Security and Organized Crime (REASEDOR), San Salvador, El Salvador, May 2, 2013.

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

### **2012**

- “Perspectives on the Mexican War on Drugs,” prepared for the Meeting of the Board of Directors of The Harry Frank Guggenheim Foundation, New York, December 11, 2012.
- “Understanding Drug Violence in Mexico,” prepared for the 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,” prepared for the 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,” prepared for the Regional Report on Human Development and Citizen Security for Latin America, United Nations Development Program, Mexico City, March 18-19, 2012.
- “Democratization and Drug Violence in Mexico,” prepared for 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,” prepared for the Violence, Drugs and Governance: Conference on Mexican Security in Comparative Perspective, Stanford University, October 3-4, 2011.

## **ACADEMIC CONFERENCE PRESENTATIONS**

## **2020**

- “Enhancing the Detection of Criminal Organizations in Mexico using ML and NLP,” Conference Proceedings of the IEEE World Congress on Computational Intelligence, Glasgow, Scotland, United Kingdom, July 19-24, 2020. Conference cancelled due to Coronavirus.
- “An Online Structured Political Event Dataset based on CAMEO Ontology,” under review at the International Conference on Web and Social Media (ICWSM 2020), Atlanta, Georgia, June 8-11, 2020. Conference cancelled due to Coronavirus.
- “Militarizing Law Enforcement and Organized Criminal Violence in Mexico,” Security and Criminality in the Americas Conference: Assessing the First Two Decades of the 21<sup>st</sup> Century, Oxford University, Oxford, UK, June 3-4, 2020. Conference cancelled due to Coronavirus.
- “Distinct cravings: Natural Resources and Violence Intensity from Distinct Armed Actors in Colombia,” Latin American Studies Association, Guadalajara, Mexico, May 13-16, 2020. Conference cancelled due to Coronavirus.
- “Supervised Event Coding from Text Written in Arabic: Introducing Hadath,” under review at the Automated Extraction of Socio-Political Events from News (AESPEN) at the Language Resources and Evaluation Conference (LREC 2020), Marseille, France, 11-16 May, 2020. Conference cancelled due to Coronavirus.
- “Are Many Sets of Eyes Better than One? Evaluation Multiple Geo-Located Databases of Armed Actor Territories in Colombia,” International Studies Association, Honolulu, Hawaii, March 25-28, 2020. Conference cancelled due to Coronavirus.
- “Militarizing Law Enforcement and Organized Criminal Violence in Mexico,” Public Choice Society, Newport Beach, CA, March 12-14, 2020. Conference cancelled due to Coronavirus.
- “Are Many Sets of Eyes Better than One? Evaluation Multiple Geo-Located Databases of Armed Actor Territories in Colombia,” Latin American Peace Studies Society, 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, 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, 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, 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 <https://www.politicsofpolicing.com/>, 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.
- “Petraich Language Integration: A Handbook for Universal Language Adaptation” with Viveca Pavon and Jennifer Holmes. Annual meeting of the American Political Science Association, San Francisco, CA, August 30 – September 2, 2018.
- “Primary Prevention: Police School Interventions in Honduras” with Michael Weintraub, Andres Ham, and Reynaldo Rojo. Annual meeting of the American Political Science Association, San Francisco, CA, August 30 – September 2, 2018.
- “Multi-Actor Conflict and Violence in Colombia,” with Susan Brewer-Osorio, presented at the Annual meeting of the American Political Science Association, San Francisco, CA, August 30 – September 2, 2018.
- “Multi-Actor Conflict and Violence in Colombia,” with Susan Brewer-Osorio, presented at the Annual Convention of the International Studies Association, San Francisco, CA, April 7, 2018.

## 2017

- “Mapping Violent Presence of Armed Actors in Colombia,” with Mohamed Mohamed, Viveca Pavon, and Susan Brewer-Osorio, presented at the 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, presented at the Annual Fall Research Conference of the Association for Public Policy Analysis and Management, 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, presented at the Annual meeting of the American Political Science Association, 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, presented at the Annual meeting of the Midwest Political Science Association, 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, Baltimore, Maryland, February 23, 2017.

## 2016

“Multi-language Event Coding Using Eventus ID,” Annual meeting of the American Political Science Association, Philadelphia, PA, September 2, 2016.

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

“Vigilante Mobilization and Local Order: Evidence from Mexico,” Annual meeting of the Midwest Political Science Association, Chicago, IL, April 7-10, 2016.

“Vigilante Mobilization and Local Order: Evidence from Mexico,” Annual meeting of the International Studies Association, 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, Chicago, May, 2015.

“Support for Torture: Experimental Evidence from the War on Drugs in Mexico.” Annual Meeting of the Latin American Studies Association, 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, Chicago, IL, April 2015.

## **2014**

“Temporal Dynamics of Drug Violence in Mexico,” Annual meeting of the Latin American Studies Association, 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, Chicago, 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, Chicago, August 2013.

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

## **2012**

“Carrots and Sticks: Experimental Evidence of Vote Buying and Voter Intimidation in Guatemala.” (with Ezequiel Gonzalez Ocantos, Chad Kieweit de Jonge, Carlos Melendez and David Nickerson) Annual meeting of the American Political Science Association, Chicago, August 2013.

“Dynamics of Drug Violence in Mexico,” Annual meeting of the American Political Science Association, 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, New Orleans, August 2012.

“The Onset and Escalation of Drug Violence in Mexico,” Annual meeting of the Midwest Political Science Association, Chicago, April 2012.

## **2011**

“Support for Torture: Experimental Evidence from the War on Drugs in Mexico,” presented at the Annual Conference of the American Political Science Association, Seattle, September 2011.

“Understanding the Escalation of Drug Violence in Mexico,” 5th Annual Conference of the International Society for the Study of Drug Policy, Utrecht, Netherlands, May 2011.

“Understanding the Escalation of Drug Violence in Mexico,” Annual meeting of the Midwest Political Science Association, Chicago, May 2011.

## **2010**

“Reassessing vote buying in Mexico,” Seminar on Politics and Government, at *Centro de Investigación y Docencia Económicas*, Mexico City, October 20, 2010

“Reassessing vote buying in Mexico,” Annual meeting of the Midwest Political Science Association, Chicago, April 2010.

## **2009**

“Why politicians choose transparency?” Annual meeting of the Latin American Studies Association, Rio de Janeiro, Brazil, June 2009.

“Indigenous and partisan protest in Oaxaca,” Annual meeting of the Midwest Political Science Association, Chicago, April 2009.

## **OTHER PROFESSIONAL EXPERIENCE**

### ***Policy sector***

Civil Society Specialist, The World Bank-Mexico Office, Mexico, 2006-2007.

Sub-director of Analysis, Federal Electoral Institute, Mexico, 2004-2006.

Citizen Electoral Counselor, Federal Electoral Institute –5<sup>th</sup> District, Mexico, 1999-2000, 2002-2003.

### ***Pro Bono Consulting***

Expert testimony, Immigration Court, Tucson, Arizona, March 2019.

Expert testimony, Immigration Court, Tucson, Arizona, February 2019.

Expert testimony, Immigration Court, New York City, New York, May 2019.

Expert testimony, Immigration Court, Tucson, Arizona, June 2019.

External advisor, Algo en Común S.C., Mexico City, 2014.

External advisor, International Transparency Fund, Washington D.C., 2008-2010.

External advisor, Human Rights Center Miguel Agustín Pro Juárez, Mexico, 2004.

### ***Advocacy***

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

## **LANGUAGES AND RESEARCH TRAVEL**

Spanish Native Speaker. Fluent in English.

Field research in: Mexico, El Salvador, Honduras, Guatemala, Colombia, Chile, Venezuela, Costa Rica, Argentina.

## **QUANTITATIVE ANALYSIS AND COMPUTING SKILLS**

Statistical analysis (Stata and R).

Geographic Information Systems (ArcMap, ArcGIS Pro, ArcGIS Online).

Computer programming (Perl).

Document editors (LaTeX and R Markdown).

## **ACADEMIC SERVICE**

### ***PhD Dissertation Advisor***

Alejandro Beltran, School of Government and Public Policy, University of Arizona, Fall 2019 – present.

Matthew Cobb, School of Government and Public Policy, University of Arizona, Fall 2018 – present.

### ***Graduate Student Mentor***

Mario Morales, School of Government and Public Policy, University of Arizona, Spring 2019- present.

Alejandro Beltran, School of Government and Public Policy, University of Arizona, Spring 2018- present.

Alexis Works, School of Government and Public Policy, University of Arizona, Spring 2018- present.

### ***Academic Committees***

At University of Arizona – University level:

Search Committee, Center for Latin American Studies, Spring 2020.

Coordinator of Human Security, Binational Consortium UA-UNAM, College of Social and Behavioral Sciences, Spring 2018-present.

At University of Arizona – Department level:

Promotion and Tenure ad hoc Committee, School of Government and Public Policy, Spring 2020-present.

Graduate Committee, School of Government and Public Policy, Spring 2020-present.

Search Committee, School of Government and Public Policy, Fall 2020.

Diversity Committee, School of Government and Public Policy, Spring 2019-present.

At 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 2016-2017.

Member of the Faculty Technology Committee, John Jay College of Criminal Justice, City University of New York, Spring 2015-2017.

Member of the Grade Appeals Committee, Department of Political Science, John Jay College of Criminal Justice, City University of New York, Spring 2016-2017.

### ***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.

### ***UNODC Thesis Reviewer***

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.

### ***Academic Journal Reviewer***

American Journal of Political Science

Criminology

European Review of Latin American and Caribbean Studies

European Review of Organized Crime

International Journal of Public Opinion Research

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  
Política y Gobierno  
Political Behavior  
Political Geography  
Political Research Quarterly

***Professional Memberships***

American Political Science Association  
Midwest Political Science Association  
Latin American Studies Association  
International Studies Association  
Red Latinoamericana de Seguridad y Delincuencia Organizada (RELASEDOR)  
Red Temática de Tecnologías de Lenguaje Natural (RedTTL).