

# Juan David Gelvez

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## Education

### **University of Maryland**

Ph.D., Government and Politics, (2026 expected).

Comparative Politics & Computational Methods.

M.A., Government and Politics, 2023.

### **Universidad de Los Andes**

M.A., Public Policy (MPP), 2018.

B.S., Government and Public Affairs, 2016.

## Affiliations

### **Georgetown University**

Research Fellow

Department of Government, 2024- Current

### **University of Maryland**

Graduated researcher at the Interdisciplinary Laboratory of  
Computational Social Science, 2021- Current

### **National Planning Department**

Team Coordinator and Policy Analyst, 2019 - 2021

### **National Police Graduate School**

Lecturer in Public Policy, 2020-2021

### **Ideas For Peace - FIP**

Researcher, 2018-2019

### **Universidad de Los Andes**

Researcher and Teacher Assistant, 2016-2018

## Publications

### **Peer-reviewed**

8. Forthcoming. Predicting Police and Military Violence: Evidence from Colombia and Mexico Using Machine Learning Models. Humanities and Social Sciences Communications - Nature.
7. 2024. Incentives war: The Consequences of Announcing a Substitution Policy on Coca Cultivation in Colombia. Journal of Illicit Economies and Development. London School of Economics and Political Science (LSE). With Matilde Angarita.

6. 2023. Temporal Twists: The Impact of the COVID-19 Pandemic on Crime Dynamics in Colombia. *International Criminology*. With Maria Nieto.
5. 2023. Los nadies y las nadies: The effect of peace-building on political behavior in Colombia. *Latin American Politics & Society*. With Marcus Johnson
4. 2023. From national to subnational level: How are design citizen's security local policies in Colombia? *Revista de Gestión y Política Pública*. CIDE, México. With Catalina Miranda and María Nieto. *In Spanish*
3. 2022. Predicting crime in middle-size cities. A Machine Learning model in Bucaramanga, Colombia. *URVIO- Revista Latinoamericana de Estudios de Seguridad*. FLACSO, Ecuador. With María Nieto and Rocha. *In Spanish*
2. 2019. Judicial treatment and pre-trial detention in a sample of arraignment hearings in Bogotá and Cali. In *Cuadernos de Economía Universidad Nacional de Colombia*. With Rengifo, Ávila, Ramírez and Mora. *In Spanish*
1. 2018. Which are the determinants associated with the insecurity perception? A statistical and spatial analysis for Bogota, D.C. In *Revista Criminalidad, Policía Nacional*. *In Spanish*

### **Book chapters**

4. Forthcoming. National Armed Forces. In the book *Elgar Concise Encyclopedia of Law and Peace*. With Catalina Miranda.
3. 2022. Crop substitution, a war of incentives. In the book *Coca, Cocaína y Violencia*. Univesidad de Los Andes, Colombia. With Matilde Angarita. *In Spanish*
2. 2022. Illicit crops, peace agreements, and coca crops' substitution policy. In the book *Coca, Cocaína y Violencia*. Univesidad de Los Andes, Colombia. With Bernal and Garzón. *In Spanish*
1. 2020. Public Policy Analysis and Decision Making in the Military Forces: The Havana Experience. In *International Library of Policy Analysis*. Policy Press and Bristol University Press. With Mora, Bitar and Weintraub.

### **Selected policy and working papers**

- Coca Politics: Exposure to Tough-on-Crime Policies, Electoral Accountability, and Public Opinion.  
Best paper presented at the *Latin American Peace Science Society 2024 Meeting*
- The politics of Crime Prevention: Evidence From Colombia. Early Draft.
- The (In)visibility of Race in Colombia's Climate Disaster Assistance. Pre-analysis Plan. With Isabella Alcañiz.
- Rewards, Sanctions, and Trust in the Police: Evidence from Colombia. Pre-analysis Plan. With Cesar Mantilla and María Nieto. *Under Review*

- 2019. Who are the coca growers? Published for Ideas For Peace Foundation. *In Spanish*

## Awards and Fellowships

- 2025. Conley H. Dillon Award and Don C. Piper Award - University of Maryland
- 2024. Graduate Student Summer Research Fellowship at UMD (\$ 5,000); Jacob K. Goldhaber Travel Award.
- 2023. Visiting guest researcher at the Department of Survey Data Curation at GESIS, Cologne. Lussier Summer Research Fellowship Award (\$ 5,000); Latin American Studies Center Research Grants; Comparative Politics field graduate student award; Summer Course Grant - IQRM.
- 2021-2022. Rapoport Family Foundation Summer Research Award (\$ 5,000); Latin American and Caribbean Studies Center Research Grants - University of Maryland (\$ 1,000); Dean's Fellowship - University of Maryland (\$ 15,000); Doctoral studies' scholarship - University of Maryland; Fundación para el Futuro de Colombia - Colfuturo.

## Conferences

- 2025: The Latin American Peace Science Society; Political Methodology Workshop at UMD
- 2024: The Latin American Peace Science Society; Lussier Workshop for Research on International Conflict; Latin American Studies Association (LASA); Pre-LASA conference in Crime, Conflict, and Security Institutions; Political Economy of Climate Change and the Environment; American Political Science Association (APSA); Future of Science Initiative - U. of Mannheim; The Violence, Instability, and Peace (VIP) Workshop; Peace Science Society (PSS)- International.
- 2022-2023: GESIS Workshop on Earth Observation Data in the Social Sciences; American Society of Criminology (ASC); American Political Science Association (APSA); Junior Scholars in Quantitative Conflict; Southwest Workshop on Mixed Methods Research (SWMMR); Red para el Estudio de la Economía Política de América Latina (REPAL); REPAL Pre-Conference Dissertation Workshop; Institute for Qualitative & Multi-Method Research (IQMR); USAID International Forum "Planeación y gestión pública de la seguridad y convivencia ciudadana en Colombia"; Washington DC Political Economy Conference 2023; Judith Reppy Interdisciplinary Graduate Conference on Peace and Conflict - Cornell University; Forum on Innovative Solutions to Strengthen Citizen Security and Access to Justice - UNDP; Comparative Politics Workshop - University of Maryland; Network Models Workshop - American University; NYU-CESS Experimental Political Science conference.
- 2017-2019: American Society of Criminology (ASC); Latin American Studies Association (LASA); Sociedad de Criminología de América Latina (SOCLA); Seminario para la Política de Drogas de América Latina (SEPODRA).

## Professional services

- Chair Search committee member at the University of Maryland.
- Referee: Comparative Political Studies; Journal of Behavioral and Experimental Economics; Chapel Hill Expert Survey; Revista Economía, Sociedad y Territorio. Revista Gestión y Política Pública. Revista de Economía Institucional - UExternado. Dissertation committee - U.Rosario. Revista Criminalidad - Policía Nacional. Revista Derecho del Estado U.Externado. Premio Jorge Bernal.

## Skills

- Languages: Spanish (native), English (advanced).
- Software: RStudio, SQL, ArcGis, Stata, GeoDa, L<sup>A</sup>T<sub>E</sub>X, Markdown, SPSS.

Extracurricular: Barista, Scuba Diver, and Triathlete

Last updated on March 22, 2025