

# Santiago Olivella

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## PERSONAL

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## EDUCATION

Ph.D. Political Science, May 2013  
Washington University in St. Louis, USA  
M.A. Political Science, May 2010  
Washington University in St. Louis, USA  
B.A. Political Science (*Cum Laude*), April 2006  
Universidad de los Andes, Colombia

## PROFESSIONAL EXPERIENCE

Associate Professor of Political Science: July 2021 – Today  
University of North Carolina at Chapel Hill, NC, USA  
Assistant Professor of Political Science: January 2017 – July 2021  
University of North Carolina at Chapel Hill, NC, USA  
Visiting Assistant Professor of Government: August 2019 – August 2020  
Harvard University, MA, USA  
Visiting Associate Research Scholar at Q-APS: September 2015 – January 2017  
Princeton University, NJ, USA  
Assistant Professor of Political Science: August 2013 – May 2016  
University of Miami, FL, USA  
Instructor of Social Sciences: August 2005 – May 2006  
Colegio San Carlos, Bogotá, Colombia

## BIBLIOGRAPHY AND PRODUCTS OF SCHOLARSHIP

### Refereed articles

14. Rosenman, E., McCartan, C., and Olivella, S. (2022) “Recalibration Of Predicted Probabilities Using the “Logit Shift”: Why does it work, and when can it be expected to work well?”. *Political Analysis*; *In Press*.
13. Olivella, S., Pratt, T., and Imai, K. (2022). “Dynamic Stochastic Blockmodel Regression for Network Data: Application to International Militarized Conflicts” *Journal of the American Statistical Association*. DOI: [10.1080/01621459.2021.2024436](https://doi.org/10.1080/01621459.2021.2024436)
12. Olivella, S., and Montgomery, J. B. (2018). “Tree Based Methods for Political Science” *American Journal of Political Science* 62(3): 729–744.
11. Uscinski, J. and Olivella, S. (2017). “The Conditional Effect of Conspiracy Thinking on Attitudes toward Climate Change” *Research & Politics* October-December 2017: 1–9.

10. Olivella, S., Kanthak, K. and Crisp, B. (2017). "...And Keep Your Enemies Closer: Cosponsorship Patterns as Reputation Building." *Electoral Studies* 46(1): 75–86.
9. Montgomery, J., Olivella, S., Potter, J., and Crisp, B. (2015). "An Informed Forensics Approach to Detecting Vote Irregularities" *Political Analysis*, 23(4): 488–505.
8. Potter, J. and Olivella, S. (2015). "Electoral strategy in geographic space: Accounting for spatial proximity in district-level party competition" *Electoral Studies*, 40(1): 76–86.
7. Atkinson, M., Mann, C., Olivella, S., Simon, A. and Uscinski, J. (2014). "(Where) Do Campaigns Matter? The Impact of National Party Convention Location" *The Journal of Politics*, 76(4): 1045–1058.
6. Crisp, B., Olivella, S., Potter, J. and Mishler, W. (2014). "Elections as Instruments for Punishing Bad Representatives and Selecting Good Ones" *Electoral Studies*, 31(1): 1–15.
5. Olivella, S. and Tavits, M. (2013). "Legislative Effects of Electoral Mandates." *British Journal of Political Science*, 44(2): 301–321.
4. Crisp, B., Olivella, S., Malecki, M. and Sher, M. (2013). "Vote-Earning Strategies in Flexible List Systems: Seats at the Price of Unity." *Electoral Studies*, 32(4): 658–669.
3. Crisp, B., Olivella, S., and Potter, J. (2013). "Party System Nationalization and the Scope of Public Policy." *Comparative Political Studies*, 46(4): 431–456.
2. Crisp, B., Olivella, S., and Potter, J. (2012). "Electoral contexts that impede voter coordination." *Electoral Studies*, 31(1): 143–158.
1. Olivella, S. and Vélez, C. (2006). "Will Uribe's coalition survive?" (in Spanish). *Colombia Internacional*, 64(2): 194–205.

## Books & chapters

6. Crisp, B. F., Olivella, S. and Rosas, G. (2020). "The Chain of Representation: Preferences, Institutions, and Policy in Latin America's Presidential Systems" *Cambridge University Press*.
5. Shoub, K., and Olivella, S. (2020). "Machine Learning in Political Science" (in *The SAGE Handbook of Research Methods in Political Science and International Relations*) Book chapter under contract at SAGE Publications.
4. Olivella, S., Botero, F. (2014). "The preferential vote in Colombia" (in Spanish) in Lina Cano (Ed.) *Reforma Estructural del equilibrio de poderes en Colombia*. Medellín: Universidad de Antioquia.
3. Crisp, B., Olivella, S., and Potter, J. (2013). "A Comparison of different indicators of party system consolidation" (in Spanish) in Torcal, M. (Ed.) *Sistemas de partidos en América Latina. Causas y consecuencias de su equilibrio inestable*. Barcelona: Editorial Tauros.
2. Olivella, S. (2011). "Cross-Tabular Analysis." in Badie B. et al. (Eds.) *International Encyclopedia of Political Science*. Los Angeles, CA.: SAGE Publications.
1. Olivella, S. and Rodríguez-Raga, J. C. (2009). "What is spatial is special: Proximity voting in Colombia" (in Spanish). in Botero, F. (Ed.) *Juntos pero no revueltos? Partidos, candidatos y campañas en las elecciones legislativas de 2006 en Colombia*. Bogotá: Uniandes - Cesó.

## Products of engaged scholarship

5. Olivella, S., Pratt, T., Imai, K. (2019). *NetMix: Dynamic Mixed-Membership Network Regression Model*. R package version 0.1.5. <https://CRAN.R-project.org/package=NetMix>.
4. Olivella, S., Shiraito, Y. (2017). *poisbinom: A Faster Implementation of the Poisson-Binomial Distribution*. R package version 1.0.1. <https://CRAN.R-project.org/package=poisbinom>.
3. Crisp, B., Olivella, S., (2012, 2013, 2014). "Colombia" in Karen Jacobs Sparks (Ed.) *Britannica Book of the Year*. London: Encyclopædia Britannica Inc.
2. Olivella, S. and Gill, J. (2011). "Parallel Gibbs Sampling with `snowfall`." *The Political Methodologist*, 19(1).
1. Olivella, S. (2007). "Of rigor in political science" (in Spanish). *Colombia Internacional*, 66(2):150–155.

## TEACHING ACTIVITIES

### 2017 – Today: Instructor, UNC-Chapel Hill

#### Courses

- Regression Models in Political Science (POLI784; graduate.)
- Advanced Quantitative Methods in Political Science (POLI787; graduate.)
- Introduction to Bayesian Modeling (POLI891; graduate.).
- Introduction to Machine Learning (POLI891; graduate.).

### 2020: Instructor, Harvard University

#### Courses

- Introduction to Bayesian Statistics (GOV2003; graduate).
- Introduction to Political Science Research Methods (GOV50; undergraduate).

### 2016: Instructor, Princeton University

#### courses

- Applied Quantitative Analysis (POL346; undergraduate)

#### Other activities

- Undergraduate honors research (Spring 2019: Sara T. Hall).
- Undergraduate honors research (Spring 2018: Hunter S. Baehren).

### July 2017: Instructor, CESS Santiago, Chile

Introduction to Causal Inference

### July 2015–2016, 2018: Instructor, Escuela de Invierno, Universidad Católica del Uruguay

Bayesian Statistics for the Social Sciences (five day professional course).

## GRANTS

“Collaborative Research: Electoral Systems as Incentive Structures for Interparty and Intraparty Politics”. 2021 – 2022. Principal Investigator. Total amount: 75,216. Percent effort: 12% over two years. Agency: National Science Foundation.

“Multi-corpora keyword-assisted topic models”. 2021. Principal Investigator/Fellow. Total amount: 15,000. Percent Effort: 12% over one year. Agency: Center for Information, Technology, and Public Life.

## REFERENCES

### Jeff Gill

Distinguished Professor  
American University  
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### Kosuke Imai

Professor of Government  
and of Statistics  
Harvard University  
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### Jacob Montgomery

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### Brian F. Crisp

Professor of Political Science  
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