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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

PRODUCTS OF SCHOLARSHIP

Refereed articles

15. Imai, K., Olivella, S., and Rosenman, E. (2022) “Addressing Census data problems in race imputation via fully Bayesian Improved Surname Geocoding and name supplements.”. *Science Advances; In Press*.
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* 117(539): 1068-1081.

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 International*, 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.

Software and other products of engaged scholarship

6. Khanna, K., Bertelsen, B., Olivella, S., Rosenman, E., Imai, K. (2022). *wru: Who are You? Bayesian Prediction of Racial Category Using Surname, First Name, Middle Name, and Geolocation*. R package version 1.0.0. <https://CRAN.R-project.org/package=wru>.
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

- Fundamental Mathematics for Political Research (POLI783; graduate.)
- 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)

2013-2015: Instructor, University of Miami

Courses

- Logic and Practice of Political Research (POL301-R; undergraduate)
- Comparative Political Institutions (POL598-S; graduate)
- Introductory Statistical Methods in Political Science (POL517; graduate)
- Advanced Statistical Methods in Political Science (POL595-3K; graduate)

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.

ADDITIONAL SKILLS

Languages Native Spanish; Fluent English; Proficient German.

Software and Programming Languages C++, R, Stan, SQL, Python, Stata, ArcGIS.

REFERENCES

Jeff Gill
Distinguished Professor
American University
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Jacob Montgomery
Associate Professor of Political Science
Washington University in St. Louis
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Kosuke Imai
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and of Statistics
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Brian F. Crisp
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