

Department of Political Science
Pennsylvania State University
321 Pond Lab
University Park, PA 16802
Phone: (814)863-8346

bdesmarais@psu.edu
brucedesmarais.com
publons.com/a/1369768/
orcid.org/0000-0002-3031-8883
twitter.com/brucedesmarais

Employment

Research Scientist, Core Data Science, Meta Platforms (Spring 2022, on sabbatical).
Professor of Political Science, Pennsylvania State University. 2020–Present.
DeGrandis-McCourtney Early Career Professor in Political Science. 2018–Present.
Associate Professor of Political Science, Pennsylvania State University. 2015–2020.
Assistant Professor of Political Science, University of Massachusetts Amherst. 2010–2015.

Affiliations

Associate Director, Center for Social Data Analytics, Pennsylvania State University, Fall 2018–Present
Director of Graduate Studies, Programs in Social Data Analytics, Pennsylvania State University, Fall 2017–Present
Faculty Affiliate, Pennsylvania State University Institute for Computational and Data Sciences, Fall 2015–Present.

Education

Ph.D. Political Science, University of North Carolina at Chapel Hill, 2010
Specialties: Research Methods and American Politics
M.A. Political Science, University of North Carolina at Chapel Hill, 2008
B.A. Mathematical Economics and Public Policy, Eastern Connecticut State University, 2005,
Summa Cum Laude

Publications

Book

1. Skyler J. Cranmer, Bruce A. Desmarais, and Jason W. Morgan. *Inferential Network Analysis*. Analytical Methods for Social Research. Cambridge University Press, 2020

Journal Articles (2019-present)

15. Sangyeon Kim, Howard Liu, and Bruce Desmarais. Spatial Modeling of Dyadic Geopolitical Interactions Between Moving Actors. *Political Science Research & Methods*, Forthcoming
14. Taegyeon Kim, Nitheesha Nakka, Ishita Gopal, Bruce Desmarais, Abigail Mancinelli, Jeffrey Harden, Hyein Ko, and Frederick Boehmke. Attention to the COVID-19 pandemic on Twitter: Partisan differences among U.S. state legislators. *Legislative Studies Quarterly*, Forthcoming
13. Markus Neumann, Fridolin Linder, and Bruce A. Desmarais. Government Websites As Data: A methodological pipeline with application to the websites of municipalities in the United States. *Journal of Information Technology & Politics*, Forthcoming
12. Christian Schmid, Ted Hsuan Yun Chen, and Bruce Desmarais. Generative dynamics of supreme court citations: Analysis with a new statistical network model. *Political Analysis*, Accepted

11. John Schoeneman, Boliang Zhu, and Bruce A. Desmarais. Complex dependence in foreign direct investment: network theory and empirical analysis. *Political Science Research and Methods*, page 1–17, 2020
10. Fridolin Linder, Bruce Desmarais, Matthew Burgess, and Eugenia Giraudy. Text as policy: Measuring policy similarity through bill text reuse. *Policy Studies Journal*, 48(2):546–574, 2020
9. Frederick J Boehmke, Mark Brockway, Bruce A Desmarais, Jeffrey J Harden, Scott LaCombe, Fridolin Linder, and Hanna Wallach. Spid: A new database for inferring public policy innovativeness and diffusion networks. *Policy Studies Journal*, 48(2):517–545, 2020
8. Skyler J Cranmer, Bruce A Desmarais, and Benjamin W Campbell. The contagion of democracy through international networks. *Social Networks*, 61:87–98, 2020
7. Xi Liu, Clio Andris, and Bruce A Desmarais. Migration and political polarization in the us: An analysis of the county-level migration network. *PloS one*, 14(11), 2019
6. Shana Scogin, Sarah Petersen, Jeffrey Harden, and Bruce Desmarais. modelltest: An r package for unbiased model comparison using cross validation. *Journal of Open Source Software*, 4(41):1542, 9 2019
5. Bruce A. Desmarais. Punctuated equilibrium or incrementalism in policymaking: What we can and cannot learn from the distribution of policy changes. *Research & Politics*, 6(3), 2019
4. Paul E Stillman, James D Wilson, Matthew J Denny, Bruce A Desmarais, Skyler J Cranmer, and Zhong-Lin Lu. A consistent organizational structure across multiple functional subnetworks of the human brain. *NeuroImage*, 197:24–36, 2019
3. Carisa Bergner, Bruce A Desmarais, and John Hird. Speaking truth in power: Scientific evidence as motivation for policy activism. *Journal of Behavioral Public Administration*, 2(1), 2019
2. Sayali Phadke and Bruce A Desmarais. Considering network effects in the design and analysis of field experiments on state legislatures. *State Politics & Policy Quarterly*, 19(4):451–473, 2019
1. Mia Costa, Bruce A Desmarais, and John A Hird. Public comments’ influence on science use in us rulemaking: The case of epa’s national emission standards. *The American Review of Public Administration*, 49(1):36–50, 2019

Grants (2019-Present)

3. NSF Award Number SES- 2148215. “Collaborative Research: Patterns, Context, and Secondary Impacts of State Policy Responses to the Pandemic,” effective 07/01/2022; \$366,181.
2. NSF Award Number SES- 2028675. “RAPID: Collaborative Research: The Diffusion of State Policy Responses to the 2019 Novel Coronavirus,” effective 05/15/2020; \$16,417.

Courses Taught

2. Machine Learning for Political Science (Graduate: 2021)
1. Research Design for Social Data Analytics (Undergraduate: 2016, 2018)
0. Statistical Methods for Political Research (Graduate: 2018, 2019, 2020, 2021)
0. Political Network Analysis (Graduate: 2013, 2014, 2016, 2017, 2020)
0. Approaches and Issues in Social Data Analytics (Graduate: 2015, 2016, 2017)
0. Congress and the Legislative Process (Undergraduate: 2012, 2013, 2014)
0. Introduction to Quantitative Analysis (Graduate: 2012, 2014)
0. Official Secrecy in the United States, (Undergraduate: 2010, 2012)