

Benjamin Campbell

Social, Political, Data, & Network Scientist

about

US Citizen

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programming

R

LaTeX

Gephi

SQL/PostgreSQL

Python

JAGS

Stan

interests

methods: network inference, community structure, multivariate time series analysis, survival analysis, topic modeling

substantive: alliance politics, role analysis, socialization, community norms, interstate conflict, international institutions, network diffusion

education

- exp. 2019 **Ph.D., Political Science** The Ohio State University
Dissertation: *Measuring and Assessing Latent Variation in Alliance Design and Objectives.*
- 2016 **M.A., Political Science** The Ohio State University
Subfields: International Relations and Methodology
- 2014 **B.A., Political Science** Southern Illinois University
Summa Cum Laude, Honors Degree

professional training

- 2018 **Workshop Attendee** The Ohio State University Title IX Office
Green Dot Bystander Training
- 2015 **Workshop Attendee** University Center for the Advancement of Teaching (UCAT)
New Teachers Training Workshop
- 2015 **Workshop Attendee** ICPSR Summer Program
Courses in Game Theory and Bayesian Statistics

experience

- 2018-2019 **Program in Statistics and Methodology (PRISM)** Senior Fellow
Consulted with faculty and graduate students on methods-related issues, provided technical assistance and advice, and planned workshops and speakers.
- 2015-2018 **The Ohio State University, Prof. Box-Steffensmeier** GRA
Collaborated on multiple projects using network, event history, and time series analysis. Supervised graduate and undergraduate researchers.
- 2015-2018 **The Ohio State University, Prof. Cranmer** GRA
Collaborated on multiple projects using network analysis. Conducted a pilot study.
- 2012-2014 **Southern Illinois University, Prof. Comparato** URA
Assisted in the preparation of a relational database on state supreme court citations for the 2000 court term. Dataset yielded two conference papers.
- 2012-2013 **Southern Illinois University** TA
Course in Foundations of Inquiry: Academic Success Seminar.

refereed publications

1. **Campbell, Benjamin W.** "Detecting Heterogeneity and Inferring Latent Roles in Longitudinal Networks." Forthcoming in *Political Analysis*.
 - Five Year Impact Factor (2016): 6.103
 - Best Poster in Methodology, Political Networks Conference 2018.
2. Baumgartner, Frank, Jan Box-Steffensmeier, and **Benjamin W. Campbell**. 2018. "A Power Law of Death: Event Dependence in Death Penalty Executions." *PLOS ONE*, 13(1).
 - Five Year Impact Factor (2016): 3.394
 - Covered in *The Washington Post*, *Medium*, and *New Scientist*.
3. **Campbell, Benjamin W.**, Skyler J. Cranmer, Carole Harvey, and Keith Warren. 2018. "Therapeutic community graduates cluster together in social networks: Evidence for spatial selection as a cooperative mechanism in therapeutic communities." *Addictive Behaviors*, 79: 74-80.
 - Five Year Impact Factor (2016): 3.150
4. Box-Steffensmeier, Jan, **Benjamin W. Campbell**, Dino Christenson, and Zack Navabi. 2018. "Role Analysis Using the Ego-ERGM: A Look at Environmental Interest Group Coalitions." *Social Networks*, 52: 213-227.
 - Five Year Impact Factor (2016): 3.110
5. Braumoeller, Bear F. and **Benjamin W. Campbell**. 2017. "Logics of Systemic Theory: Making International Relations International Again." *Encyclopedia of Empirical International Relations Theory*, ed. William Thompson. Oxford: Oxford University Press.

under preparation

1. **Campbell, Benjamin W.**, Skyler J. Cranmer, and Bruce Desmarais. "Triangulating War: Network Topology and the Democratic Peace." *Under Review at American Political Science Review*.
2. **Campbell, Benjamin W.**, Frank W. Marrs, Tobias Böhmelt, Bailey K. Fosdick, and Skyler J. Cranmer. "Latent influence networks in global environmental politics." *Under Review at Nature Human Behavior*.
3. Cranmer, Skyler, Bruce Desmarais, and **Benjamin W. Campbell**. "Indirect Effects and Network Pressures Towards Democracy." *Completed Working Paper*.
4. **Campbell, Benjamin W.** "Measuring and Assessing Latent Variation in Alliance Design and Objectives." *Completed Working Paper*.
5. Frank W. Marrs, **Benjamin W. Campbell**, Bailey K. Fosdick, Skyler J. Cranmer, and Tobias Böhmelt. "Inferring Influence Networks from Longitudinal Bipartite Relational Data." *Completed Working Paper*.
6. **Campbell, Benjamin W.**, Skyler Cranmer, Nathan Doogan, Carole Harvey, and Keith Warren. "I get by with a little help from my friends: Triadic closure predicts reincarceration following termination from a therapeutic community." *Completed Working Paper*.
7. Andrew W. Podob, **Benjamin W. Campbell**, and Jan Box-Steffensmeier "The Sharing of Donor and Supporter Personal Information Among Congressional Campaigns: A Coordination and Collaboration Network Analysis." *Completed Working Paper*.
8. **Campbell, Benjamin W.** "Power, Commitment, and Asymmetric Alliances: Analyzing the Treatment Effect of Asymmetric Commitment on Alliance Reliability." *Completed Working Paper*.

9. Box-Steffensmeier, Jan, **Benjamin W. Campbell**, and Dino Christenson. "A Frailty Approach to Confronting Heterogeneity and Improving Model Fit in Exponential-Family Random Graph Models." *In Preparation*.

software

1. **Campbell, Benjamin W.** [aut, cre], Michael Salter-Townshend [ctb], and T. Brendan Murphy [ctb]. 2018. "egoTERGM: Estimation of ego-Temporal Exponential Random Graph Models (ego-TERGM) via Expectation Maximization (EM)."
 - Available on CRAN and GitHub.
2. Morgan, Jason W. [aut], **Benjamin W. Campbell** [aut, cre], Dino P. Christenson [aut], and Jan M. Box-Steffensmeier [aut]. 2017. "fergm: Estimation and Fit Assessment of Frailty Exponential Random Graph Models."
 - Available on CRAN and GitHub.

conference presentations

1. **Campbell, Benjamin W.**, Skyler Cranmer, Nathan Doogan, Carole Harvey, and Keith Warren. "I get by with a little help from my friends: Triadic closure predicts reincarceration following termination from a therapeutic community." Paper presented at the Society for Chaos Theory in Psychology and Life Sciences, Raleigh, NC, August 2018.
2. **Campbell, Benjamin W.**. "Detecting Heterogeneity and Inferring Latent Roles." Poster presented at the annual meeting of the Society of Political Methodology, Provo, UT, July, 2018.
3. **Campbell, Benjamin W.**. "Detecting Heterogeneity and Inferring Latent Roles." Poster presented at the annual meeting of the APSA Political Networks Section, Washington D.C., June, 2018.
 - *Best Poster in Methodology*.
4. **Campbell, Benjamin W.**, Skyler Cranmer, and Bruce Desmarais. "Triangulating Peace: Network Topology and the Democratic Peace" Paper presented at the annual meeting of the APSA Political Networks Section, Washington D.C., June, 2018.
5. Andrew W. Podob, **Benjamin W. Campbell**, and Jan Box-Steffensmeier "The Sharing of Donor and Supporter Personal Information Among Congressional Campaigns: A Coordination and Collaboration Network Analysis." Paper presented at the annual meeting of the APSA Political Networks Section, Washington D.C., June, 2018.
6. **Campbell, Benjamin W.**, Skyler Cranmer, and Bruce Desmarais. "Triangulating Peace: Network Topology and the Democratic Peace" Paper presented at the annual meeting of the SPSA, New Orleans, LA, January, 2018.
7. **Campbell, Benjamin W.** "Detecting Heterogeneity and Inferring Latent Roles in Longitudinal Networks Using the Ego-TERGM." Paper presented at the annual meeting of the SPSA, New Orleans, LA, January, 2018.
8. **Campbell, Benjamin W.** "Measuring and Assessing Latent Variation in Alliance Design and Objectives." Paper presented at the annual meeting of the SPSA, New Orleans, LA, January, 2018.
9. Marrs, Frank, **Benjamin W. Campbell**, Bailey Fosdick, Skyler Cranmer, and Tobias Böhmelt. "Inferring Influence Networks from Longitudinal Bipartite Relational Data." Paper presented at the annual meeting of the APSA Political Networks Section, Columbus, OH, June, 2017.
10. Böhmelt, Tobias, **Benjamin W. Campbell**, Skyler Cranmer, Bailey Fosdick, and Frank Marrs. "Latent Influence Networks in Global Environmental Politics" Paper presented

at the annual meeting of the APSA Political Networks Section, Columbus, OH, June, 2017.

11. **Campbell, Benjamin W.**, Skyler Cranmer, and Bruce Desmarais. "Triangulating Peace: Network Topology and the Democratic Peace." Poster presented at the annual meeting of the APSA Political Networks Section, Columbus, OH, June, 2017.
 - *Honorable mention for Best Poster.*
12. Cranmer, Skyler, Bruce Desmarais, and **Benjamin W. Campbell**. "Indirect Effects and Network Pressures Towards Democracy." Paper presented at the annual meeting of the MPSA, Chicago, IL, April, 2017.
13. Cranmer, Skyler, Bruce Desmarais, and **Benjamin W. Campbell**. "Network Pressures Towards Democracy." Poster presented at the annual meeting of the APSA Political Networks Section, St. Louis, MO, June, 2016.
14. Box-Steffensmeier, Jan, **Benjamin W. Campbell**, Dino Christenson, and Zack Navrabi. "Role Analysis and Environmental Interest Groups." Paper presented at the annual meeting of the MPSA, Chicago, IL, April, 2016.

invited talks and presentations

1. Speaker, invited by The Institute for Population Research for seminar. "Role Analysis Using the Ego-ERGM: A Look at Environmental Interest Group Coalitions". February 7, 2017.
2. Speaker, invited by Morris Library for Constitution Day Event, "Debating the Second Amendment" September 17, 2013.
3. Lecturer, invited by the Paul Simon Public Policy Institute, "Public Speaking: Helpful Reminders and Common Mistakes" April 2, 2013.
4. Speaker, invited by Morris Library for Constitution Day Event, "The Right to Hate Speech? Debating the First Amendment". September 17, 2011.

awards

1. Cavanaugh Scholar, Outstanding Graduate Student, Department of Political Science, The Ohio State University, June 2018.
2. John T. Williams Dissertation Prize Nominee, Best Dissertation in Political Methodology, The Society for Political Methodology, May 2018.
3. Francis Aumann Award for Best Paper in Political Methodology, Department of Political Science, The Ohio State University, August 2017.
4. Social and Behavioral Sciences Fellow, College of Arts and Sciences, The Ohio State University, August 2014-Summer 2016.
5. University Fellow, The Graduate School, The Ohio State University, August 2014-August 2015.
6. Levina Micken Scholar, Department of Speech Communication, Southern Illinois University, May 2012-Spring 2014.
7. Senator Paul Simon Debate Fellow, Saluki Debate Team, Southern Illinois University, August 2012-Spring 2014.
8. John and Nancy Jackson Scholar, Department of Political Science, Southern Illinois University, August 2011-Spring 2014.
9. Majid Abbass Award, Top Senior in Department of Political Science, Southern Illinois University, May 2014.

10. National Champion, National Parliamentary Debate Association National Tournament, March 2014.
11. Nick P. and Kimberly K. Calamos Scholar, College of Liberal Arts, Southern Illinois University, August 2012-May 2013.
12. Debater, Chosen to Represent the United States at the World Universities Debating Championship in Berlin, December 2012

grants

1. NSF: Travel Fellowship, Political Networks APSA Section, \$800.00, Summer 2018.
2. OSU: Departmental Travel Grant, Department of Political Science, \$1250.00, Spring 2018.
3. SPSA: Prestage-Cook Travel Grant, Southern Political Science Association, \$300.00, Winter 2018.
4. NSF: Travel Fellowship, Political Networks APSA Section, \$250.00, Summer 2017.
5. OSU: Departmental Travel Grant, Department of Political Science, \$620.00, Spring 2017.
6. NSF: Travel Fellowship, Political Networks APSA Section, \$900.00, Summer 2016.
7. OSU: Departmental Travel Grant, Department of Political Science, \$800.00, Spring 2016.
8. OSU: Departmental Training Grant, Department of Political Science, \$2,300.00, Spring 2015.
9. OSU: Peace Research Grant, The Mershon Center for International Security Studies, \$2,000.00, Spring 2014.
10. SIU: Saluki Scholar Research Opportunity (SSRO) Grant, University Honors Program, \$3,600.00, Fall 2013.

service

1. Reviewer for *Oxford University Press*.
2. POLNET Planning Committee Member, Social Chair, Political Networks Conference 2017.

references

Skyler Cranmer
 Carter Philips and Sue Henry
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 Department of Political Science
 The Ohio State University
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