

Andrew Q. Philips

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ACADEMIC APPOINTMENTS

Assistant Professor, Department of Political Science, University of Colorado Boulder. 2017-present.

EDUCATION

Ph.D., Political Science, Texas A&M University. 2017.

Concentrations: Comparative Politics and Political Methodology.

Dissertation: “Manipulating the Masses: New Theories of Political Cycles.”

BA, Political Science, University of Vermont. 2011.

PUBLICATIONS¹

[15] Philips, Andrew Q. Forthcoming. “[mkduration](#): An easy way to create duration variables in binary cross-sectional time series data.” *The Stata Journal*.

[14] Jung, Yoo Sun, Andrew Q. Philips, Amanda Rutherford, Flávio D.S. Souza and Guy D. Whitten. Forthcoming. “A program to estimate and interpret models of dynamic compositional dependent variables: New features for [dynsimpie](#).” *The Stata Journal*.

[13] Philips, Andrew Q. 2020. “[Just in time](#): Political policy cycles of land reform.” *Politics* 40(2): 207-226.

[12] Benton, Allyson L. and Andrew Q. Philips. 2020. “[Does the @realDonaldTrump really matter to financial markets?](#)” *American Journal of Political Science* 64(1): 169-190.

[11] Philips, Andrew Q., Flávio D.S. Souza and Guy D. Whitten. 2020. “[Globalization and comparative compositional inequality](#).” *Political Science Research and Methods*: 8(3): 509-525.

[10] Funk, Kendall D. and Andrew Q. Philips. 2019. “[Gendered budgeting: Women chief executives and budget allocations in local governments](#).” *Political Research Quarterly* 72(1): 19-33.

-2019 *Political Research Quarterly* Best Article Award

-2015 Marian Irish Award: Best Women and Politics paper at the Southern Political Science Association Annual Meeting

[9] Lipsmeyer, Christine S., Andrew Q. Philips, Amanda Rutherford, and Guy D. Whitten. 2019. “[Comparing dynamic pies: A strategy for modeling compositional variables in time and space](#).” *Political Science Research and Methods* 7(3): 523-540.

[8] Jordan, Soren and Andrew Q. Philips. 2018. “[Dynamic simulation and testing for single-equation cointegrating and stationary autoregressive distributed lag models](#).” *The R Journal* 10(2): 469-788.

¹ All authors appear in alphabetical order

- [7] Jordan, Soren and Andrew Q. Philips. 2018. “Cointegration testing and dynamic simulations of autoregressive distributed lag models.” *The Stata Journal* 18(4): 902-923.
- [6] Philips, Andrew Q. 2018. “Have your cake and eat it too? Cointegration and dynamic inference from autoregressive distributed lag models.” *American Journal of Political Science* 62(1): 230-244.
- [5] Lipsmeyer, Christine S., Andrew Q. Philips, and Guy D. Whitten. 2017. “The effects of immigration and integration on European budgetary tradeoffs.” *Journal of European Public Policy* 24(6): 912-930.
- [4] Philips, Andrew Q. 2016. “Seeing the forest through the trees: A meta-analysis of political budget cycles.” *Public Choice* 168(3): 313-341.
- [3] Philips, Andrew Q., Amanda Rutherford, and Guy D. Whitten. 2016. “**dynsimpie**: A command to examine dynamic compositional dependent variables.” *The Stata Journal* 16(3): 662-677.
- [2] Philips, Andrew Q., Amanda Rutherford, and Guy D. Whitten. 2016. “Dynamic pie: A strategy for modeling trade-offs in compositional variables over time.” *American Journal of Political Science* 60(1): 268-283.
- [1] Philips, Andrew Q., Amanda Rutherford, and Guy D. Whitten. 2015. “The dynamic battle for pieces of pie: Modeling party support in multi-party nations.” *Electoral Studies* 39:264-274.

SOFTWARE

Jordan, Soren and Andrew Q. Philips. “**dynamac**: Dynamic simulation and testing for single-equation autoregressive distributed lag models (in R and Stata)”

Philips, Andrew Q., “**mkduration**: An easy way to create duration variables in binary cross-sectional time series data.”

Philips, Andrew Q., Amanda Rutherford, and Guy D. Whitten. “**dynsimpie**: Stata module to examine dynamic compositional dependent variables.”

WORKS IN PROGRESS

The Politics of Budgets: Getting a Piece of the Pie. With Christine S. Lipsmeyer and Guy D. Whitten. Book under contract with *Cambridge University Press*.

“Avoiding incorrect inferences from dynamic models: Stationarity characteristics and model specification.” Revise and resubmit.

“Point break: Using machine learning to uncover a critical mass in women’s representation.” With Kendall Funk and Hannah L. Paul. Revise and resubmit.

“What goes up must come down: Modeling non-linear dynamics.” With Hannah L. Paul.

“Picture this: Visualizing the statistical and substantive significance of ARCH/GARCH models.” With Allyson L. Benton and Soren Jordan. Under review.

“Strongholds or islands? Spatio-temporal opportunism and intergovernmental transfers.” With Brett Bessen.

“Learning from simulations: How do we know what we know?” With Vincent Hopkins, Ali Kagalwala, Mark Pickup and Guy D. Whitten.

“What to do when your neighbors are missing: Missing data and imputation in spatial models.”
With Brett Bessen and Srinivas Parinandi.

RESEARCH INTERESTS

Substantive: Political budget cycles, distributive politics, and decentralization.

Methodological: Time series, cross-sectional time series, compositional data, and machine learning.

TEACHING INTERESTS

Comparative political economy, introductory graduate and undergraduate methods, research design, comparative politics, maximum likelihood, time series, and cross-sectional time series.

INVITED TALKS AND MEDIA APPEARANCES

“How to cautiously uncover the ‘black-box’ of machine learning models” with Soren Jordan and Hannah L. Paul. Presented at the International Methods Colloquium/MPSA Summer 2020 series. 2020.

“Does the @realDonaldTrump really matter to financial markets?” With Allyson L. Benton. Presented at the División de Estudios Políticos, Centro de Investigación y Docencia Económicas, A.C. (CIDE), Mexico City, Mexico. 2018.

“EITM in practice: On the determinants of individual preferences for social insurance” with Mallory E. Compton. Presented at the EITM Summer Institute, University of Houston. 2015.

GRANTS, FUNDING AND AWARDS

Faculty Mentor of the Year, Department of Political Science, University of Colorado Boulder. 2020.

Carrie Chapman Catt Prize for Research on Women and Politics, Iowa State University College of Liberal Arts and Sciences (not funded). With Kendall Funk and Hannah L. Paul. 2018. \$4,000.

Summertime for Advancement in Research Award, Texas A&M Office of Graduate and Professional Development and the Department of Political Science. 2016. \$6,000.

EITM UK Continuous Monitoring Survey Experiment Contest Winner for, “Risky business: A survey experiment in risk-based discounting.” With Mallory E. Compton. 2014.

National Science Foundation Graduate Student Funding to attend the 31st Annual Meeting of the Society for Political Methodology, University of Georgia, July 24-26, 2014. \$500.

EITM Participant Scholarship, Hobby Center for Public Policy, University of Houston. 2014. \$2,000

Professional Development Award, Texas A&M College of Liberal Arts. 2014. \$4,650.

Professional Development Award, Texas A&M College of Liberal Arts. 2013. \$4,050.

Summer Enhancement Funding, Texas A&M Department of Political Science. 2013. \$1,350.

TEACHING EXPERIENCE

University of Colorado Boulder (Undergraduate):

-[Applied Political Science Research](#). Spring 2019 and Summer 2020.

-Quantitative Research Methods. Fall 2018 and Spring 2020.

-Designing Social Inquiry. Fall 2017.

University of Colorado Boulder (Graduate):

-Modeling Temporal and Spatial Processes in the Social Sciences. With Srinivas Parinandi. Spring 2019 (short course).

-Time Series and Pooled Time Series. Spring 2018.

-Advanced Political Data Analysis. Spring 2018, 2019, 2020.

-Maximum Likelihood and Generalized Linear Models. Fall 2017 and 2018.

Other:

-Advanced Topics in Dynamic Panel Models. ICPSR Summer Program in Quantitative Methods of Social Research, Simon Fraser University, Vancouver, Canada. Co-taught with Mark Pickup. Jul 2019.

-Summer Workshop in Political Methodology: Cross-Sectional Time Series (Graduate). University of Colorado Boulder. May 2019.

-Advanced Time Series Cross-Section Analyses, IPSA-USP Summer School in Concepts and Methods (Graduate). University of São Paulo, Brazil. Co-taught with Lorena Barberia. Jan 2019 and 2020.

-Introduction to Statistical Programming Software (Graduate). University of Colorado Boulder. 2018 and 2019.

-Summer Workshop in Political Methodology: Machine Learning (Graduate). University of Colorado Boulder. May 2018.

-Modeling Dynamics and Advanced Modeling Dynamics, IPSA-USP Summer School in Concepts and Methods (Graduate). University of São Paulo, Brazil. Co-taught with Lorena Barberia. 2017 and 2018.

-Globalization and Democracy (Undergraduate). Texas A&M University. Fall 2016.

-Introduction to Statistical and Programming Software (Graduate). Texas A&M University. 2015 and 2016.

TECHNICAL SKILLS

Stata, R, \TeX , GitHub, HTML, Knitr.

CONFERENCE PRESENTATIONS

American Political Science Association Annual Meeting: 2018, 2016, 2014, 2013

European Political Science Association Annual Meeting: 2019, 2016

Midwest Political Science Association Annual Meeting: 2019, 2018, 2017, 2016, 2015, 2014

Society for Political Methodology Annual Meeting: 2018, 2014

Texas Methods Annual Meeting: 2017

SERVICE AND PROFESSIONAL MEMBERSHIP

Reviewer, *American Political Science Review*, *American Journal of Political Science*, *Journal of Politics*, *Political Analysis*, *British Journal of Political Science*, *Comparative Political Studies*, *Public Choice*, *Political Science Research and Methods*, *Electoral Studies*, *European Journal of Political Economy*, *Political Behavior*, *Journal of Public Policy*, *Public Finance Review*, *Journal of Development Studies*, *Journal of Women, Politics & Policy*, *International Interactions*, *Politics and Governance*, *Journal of Economic Surveys*, *Brazilian Political Science Review*, *Bulletin of Economic Research*, *World Development*.

Discussant/Chair, Midwest Political Science Association (2018, 2019), European Political Science Association (2019).

Member, American Political Science Association, Midwest Political Science Association, European Political Science Association, Society for Political Methodology.

Member, University of Colorado Boulder Budget Committee, 2019-present.

Member, University of Colorado Boulder Undergraduate Committee, 2018-present.

Faculty Liaison, University of Colorado Boulder Undergraduate Political Science Club, 2017-2019.