

Carlisle Rainey

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Curriculum Vitae

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Carlisle Rainey

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Current Appointment

- Associate Professor, Department of Political Science, Florida State University, July 2018 - present.

Previous Appointment

- Assistant Professor, Department of Political Science, Texas A&M University, July 2015 - July 2018.
- Director, Program in Scientific Political Methodology, Texas A&M University, July 2015 - July 2017.
- Assistant Professor, Department of Political Science, University at Buffalo, SUNY, August 2013 - July 2015.

Education

FLORIDA STATE UNIVERSITY

- Ph.D., Political Science, 2013.
- M.S., Mathematical Statistics, 2012.
- M.S., Political Science, 2009.

GEORGIA SOUTHWESTERN STATE UNIVERSITY

- B.S., Political Science and Sociology, 2008.

Published Papers

FORTHCOMING

- “Estimating Logit Models with Small Samples.” With [Kelly McCaskey](#). Forthcoming at *Political Science Research and Methods*. [[Paper](#)] [[GitHub](#)]

2020

- Baissa, Daniel K. and Carlisle Rainey. 2020. “When BLUE Is Not Best: Non-Normal Errors and the Linear Model.” *Political Science Research and Methods* 8(1) 136-148. [[Paper](#)] [[GitHub](#)]

2018

- Rainey, Carlisle and Robert Jackson. “Unreliable Inferences about Unobservable Processes: A Critique of Partial Observability Models.” *Political Science Research and Methods* 6(2): 381-391. [[Paper](#)] [[Journal](#)] [[GitHub](#)]

2017

- Rainey, Carlisle. 2017. “Transformation-Induced Bias: Unbiased Coefficients Do Not Imply Unbiased Quantities of Interest.” *Political Analysis* 25(3): 402-409. [[Paper](#)] [[Journal](#)] [[Dataverse](#)] [[GitHub](#)]

2016

- Rainey, Carlisle. 2016. “Dealing with Separation in Logistic Regression Models.” *Political Analysis*. 24(3): 339-355. [[Paper](#)] [[Journal](#)] [[Slides](#)] [[Appendix](#)] [[GitHub](#)] [[Software](#)]
- Rainey, Carlisle. 2016. “Compression and Conditional Effects: A Product Term Is Essential When Using Logistic Regression to Test for Interaction.” *Political Science Research and Methods*. 4(3): 621-639. [[Paper](#)]

[Appendix] [Journal] [GitHub]

- Rainey, Carlisle. 2016. “Does District Magnitude Matter: The Case of Taiwan.” *Electoral Studies*. 41: 202-212. [Paper] [Journal] [Dataverse] [GitHub]

2015

- McCaskey, Kelly and Carlisle Rainey. 2015. “Substantive Importance and the Veil of Statistical Significance.” *Statistics, Politics, and Policy* 6(1-2): 77-96. [Paper] [Journal] [GitHub]
- Clifford, Scott, Jennifer Jerit, Matt Motyl, and Carlisle Rainey. 2015. “Moral Concerns and Culture War Attitudes: Investigating the Influence of Elite Rhetoric.” *Political Communication*. 32(2): 229-248. [Paper] [Journal]
- Rainey, Carlisle. 2015. “Strategic Mobilization: Why Proportional Representation Decreases Voter Mobilization.” *Electoral Studies*. 37(1): 86-98. [Paper] [Appendix] [Journal] [Dataverse] [GitHub]

2014

- Rainey, Carlisle. 2014. “Arguing for a Negligible Effect.” *American Journal of Political Science* 58(4): 1083-1091. [Paper] [Appendix] [Journal] [Dataverse] [GitHub]
- Barabas, Jason, Jennifer Jerit, William Pollock, and Carlisle Rainey. 2014. “The Question(s) of Political Knowledge.” *American Political Science Review* 108(4): 840-855. [Paper] [Journal] [Dataverse] [GitHub]
- Barrilleaux, Charles and Carlisle Rainey. 2014. “The Politics of Need: Examining Governors’ Decisions to Oppose the ‘Obamacare’ Medicaid Expansion.” *State Politics and Policy Quarterly*. 14(4): 437-460. [Paper] [Appendix] [Journal] [Dataverse] [GitHub]

Unpublished Papers

IN-PROGRESS

- Clifford, Scott, Thomas Leeper, and Carlisle Rainey. “Increasing the Generalizability of Survey Experiments Using Randomized Topics: An Application to Party Cues.”
- Kern, Holger and Carlisle Rainey. “Simulation-Induced Bias in Quantities of Interest.” [[GitHub/Note Version](#)] [[GitHub/Full Version](#)]
- Rainey, Carlisle. “p-Values Without Penalties with Perfect Predictions.” [[GitHub](#)]
- Rainey, Carlisle. “A Latent Measure of Dissent.” [[GitHub](#)]
- “Modeling Misreports of Vote Choice: A Comparison of Alternative Approaches.” With Robert Jackson. [[Paper](#)] [[GitHub](#)]
- “Tax Policy Changes in the American States.” With Kevin Stout and Richard F. Winters.

Software

- compactr: an R package for creating graphs with compact axis notation. This package has been downloaded more than 9,000 times from the RStudio CRAN mirror. [[Overview](#)] [[CRAN](#)] [[Github](#)]
- separation: an R package for handling separation by choosing an informative prior. [[Background Paper](#)] [[GitHub](#)]

Conference Presentations

- “Increasing the Generalizability of Survey Experiments Using Randomized Topics: An Application to Party Cues.” With Scott Clifford and Thomas Leeper.
 - American Political Science Association Annual Conference, Washington, D.C., August 2019.
- “Simulation-Induced Bias in Quantities of Interest.” With Holger Kern.

- Tex Meth 2018, College Station, TX, April 2018.
- “Dealing with Separation in Logistic Regression Models.”
 - Society for Political Methodology Annual Meeting, Rochester, NY, July 2015.
 - Southern Political Science Association Annual Conference, San Juan, PR, January 2016.
- “Logistic Regression with Small Samples: Nearly Unbiased Estimation with Penalized Maximum Likelihood.” With Kelly McCaskey.
 - Society for Political Methodology Annual Meeting, Rochester, NY, July 2015.
- “The Effects of Party Control, Electoral Cycles and Institutional Design on Tax Policy Changes.” With Kevin R. Stout and Richard F. Winters.
 - State Politics and Policy Conference, Sacramento, CA, May 2015.
 - Midwest Political Science Association Annual Conference, Chicago, April 2015.
- “When BLUE Is Not Best: Non-Normal Errors and the Linear Model.”
 - Southern Political Science Association Annual Conference, San Juan, PR, January 2016.
 - Innovations in Comparative Political Methodology Conference at Texas A&M University, March 2015.
- “Compression and Conditional Effects.”
 - Society for Political Methodology Annual Meeting, Athens, GA, July 2014.
 - American Political Science Association Annual Conference, Washington, D.C., August 2014.
- “Strategic Mobilization: Why Disproportional Districts Increase Partisan Mobilization Efforts.”
 - Southern Political Science Association Annual Conference, Orlando, FL, January 2013.

- American Political Science Association Annual Conference, Washington, D.C., August 2014.
- “The Politics of Need: Examining Governors’ Decisions to Oppose the ‘Obamacare’ Medicaid Expansion.” With Charles Barrilleaux.
 - State Politics and Policy Conference, Bloomington, IN, May 2014.
- “The Question(s) of Political Knowledge.” With Jason Barabas, Jennifer Jerit, and William Pollock.
 - European Political Science Association Annual Conference, Barcelona, June 2013.
 - Midwest Political Science Association Annual Conference, Chicago, April 2013.
- “Moral Concerns and Culture War Attitudes: Investigating the Influence of Elite Rhetoric.” With Scott Clifford and Jennifer Jerit.
 - Midwest Political Science Association Annual Meeting, Chicago, April 2013.
- “Arguing for a Negligible Effect.”
 - Society for Political Methodology Annual Meeting, Chapel Hill, NC, July 2012.
 - Southern Political Science Association Annual Conference, Orlando, FL, January 2013.
- “Modeling Misreports in Self-Reported Vote Choice Data.” With Robert Jackson.
 - American Political Science Association Annual Conference, New Orleans, LA, August 2012 (Meeting Cancelled).
 - Southern Political Science Association Annual Conference, Orlando, FL, January 2013.
- “Partial Observability Models of Over-Reporting Turn Out in Survey Data.” With Robert Jackson.
 - Southern Political Science Association Annual Conference, New Orleans, LA, January 2012.
 - Midwest Political Science Association Annual

Conference, Chicago, IL, April 2012.

- “Does Magnitude Matter? The Case of Taiwan.”
 - Midwest Political Science Association Annual Conference, Chicago, IL, April 2011.
 - Southern Political Science Association Annual Conference, New Orleans, LA, January 2012.

Grants and Awards

- Artinian Award, 2016.
- Dean’s Travel Fund for Untenured Faculty, 2014.
- Congress of Graduate Students Travel Grant Award, Florida State University, 2011, 2012.
- Graduate Assistantship, Florida State University Department of Political Science, 2008-2013.

Service

REVIEWER

American Political Science Review, American Journal of Political Science, Journal of Politics, Political Analysis, Comparative Politics, Comparative Political Studies, International Studies Quarterly, Party Politics, Political Behavior, Political Research Quarterly, Political Science Research and Methods, Research and Politics, State Politics and Policy Quarterly.

DISCUSSANT

Society for Political Methodology Annual Meeting (2014, 2015, 2016), Southern Political Science Association Annual Conference (2016)

COMMITTEES

Promotion and Tenure Committee (Fall 2018 to present), Executive Committee (2019 to present), Methods Field Head (Fall 2019 to present), Head’s Advisory Committee (2017-2018, TAMU), Graduate Studies Committee (2013-15, UB),

Methodology Search Committee (2014-2015, UB), American
Politics Search Committee (2013-14, UB), Methodology
Search Committee (2012-13, FSU)

Teaching

EXPERIENCE

- Introduction to Political Science Research Methods (Undergraduate): Fall 2015, Spring 2017, Summer 2017, Fall 2017, Spring 2019, Spring 2020
- Introduction to Political Science Research Methods (Graduate): Fall 2018, Fall 2020
- Introduction to American Government: Summer 2013 (2 sections), Fall 2013.
- Introduction to Comparative Politics: Summer 2010, Summer 2011, Fall 2011, Spring 2012, Spring 2014, Spring 2015.
- Empirical Political Science: Fall 2013, Fall 2014
- Political Science Research Methods: Summer 2011, Summer 2012
- Linear Models (Graduate): Spring 2014, Spring 2015.
- Generalized Linear Models (Graduate): Fall 2010 (TA), Spring 2015.
- An Introduction to R Programming: Fall 2010 (Lab Instructor).
- A Brief Introduction to Hierarchical Models (Two Guest Lectures): Spring 2012, Fall 2013.

INTERESTS

- Substantive: Campaigns and Elections, Political Behavior, Political Parties, Comparative Electoral Institutions
- Methods: Linear Models, Generalized Linear Models and Maximum Likelihood Estimation, Bayesian Inference and Hierarchical Models, Computational Methods (permutation tests, bootstrap, MCMC, Monte

Technical Training

- Methods training: probability theory (through measure-theoretic probability); experimental and survey design; linear and generalized linear models; likelihood-based, Bayesian, and non-parametric inference; hierarchical, dynamic, and time-series models; MCMC and other computationally-intensive methods
- Formal theory training: Game theory, computational (agent-based) modeling, experimental economics
- Programming: R, Stan, git/GitHub, Matlab, Stata, LaTeX, Linux, z-Tree, Medialab, Qualtrix