Justin Esarey

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Positions Held

Associate Professor of Politics and International Affairs (with tenure), Wake Forest University — July 2018–present

Associate Professor of Political Science (with tenure), Rice University — July 2017–June 2018

Assistant Professor of Political Science, Rice University — July 2012–June 2017

Assistant Professor of Political Science, Emory University — July 2008–June 2012

Education

PhD in Political Science, Florida State University — 2008
Advisor: William D. Berry

MS in Political Science, Florida State University — 2004

BS in Economics, Bowling Green State University — 2002
Summa cum Laude

BA in Political Science, Bowling Green State University — 2002
Minor: Mathematics   •   Summa cum Laude

Publications

1. Esarey, Justin, and Leslie Schwindt-Bayer. "Estimating Causal Relationships Between Women's Representation in Government and Corruption." Accepted at *Comparative Political Studies*.

2. Esarey, Justin, and Andrew Wood. 2018. "Blogs, Online Seminars, and Social Media as Tools of Scholarship in Political Science." *PS: Political Science and Politics* (available on First View). DOI: https://doi.org/10.1017/S1049096518000070.

3. Esarey, Justin, and Andrew Menger. 2018. "Practical and Effective Approaches to Dealing with Clustered Data." *Political Science Research and Methods* (available on First View). DOI: https://doi.org/10.1017/psrm.2017.42.

4. Esarey, Justin, and Kristin Bryant. 2018. "Are Papers Written by Women Authors Cited Less Frequently?" *Political Analysis* 26(3): 331-334. DOI: https://doi.org/10.1017/pan.2018.24.

5. Esarey, Justin, and Jane Lawrence Sumner. 2018. "Marginal Effects in Interaction Models: Determining and Controlling the False Positive Rate." *Comparative Political Studies* 51(9): 1144-1176. DOI: https://doi.org/10.1177/0010414017730080. **Note**: a corrigendum is available for this paper at http://justinesarey.com/interaction-overconfidence-corrigendum.pdf.

6. Esarey, Justin. 2018. "What Makes Someone a Political Methodologist?" *PS: Political Science and Politics* 51(3): 588-596. DOI: https://doi.org/10.1017/S1049096518000525.

7. Esarey, Justin, and Leslie Schwindt-Bayer. 2018. "Women's Representation, Accountability, and Corruption in Democracies." *British Journal of Political Science* 48(3): 659-690. DOI: https://doi.org/10.1017/S0007123410000478.

8. Esarey, Justin. 2017. "Does Peer Review Identify the Best Papers? A Simulation Study of Editors, Reviewers, and the Scientific Publication Process." *PS: Political Science and Politics* 50(4): 963-969. DOI: https://doi.org/10.1017/S1049096517001081.

   Note: this paper was profiled by Inside Higher Ed.

9. Esarey, Justin, and Jacqueline H. R. Demeritt. 2017. "Political Context and the Consequences of Naming and Shaming for Human Rights Abuse." *International Interactions* 43(4): 589-618. DOI: http://dx.doi.org/10.1080/03050629.2016.1223656.

10. Esarey, Justin, and Ahra Wu. 2016. "Measuring the Effects of Publication Bias in Political Science." *Research & Politics* 3(3): 1-9. DOI: http://dx.doi.org/10.1177/2053168016665856.

11. Esarey, Justin. 2016. "Fractionally Integrated Data and the Autodistributed Lag Model: Results from a Simulation Study." *Political Analysis* 24(1): 42-49. DOI: https://doi.org/10.1093/pan/mpv032.

12. Berry, William D., Jacqueline H. R. Demeritt, and Justin Esarey. 2016. "Bias and Overconfidence in Parametric Models of Interactive Processes." *American Journal of Political Science* 60(2): 521-539. DOI: https://doi.org/10.1111/ajps.12123.

13. Esarey, Justin, and Nathan Danneman. 2015. "A Quantitative Method for Substantive Robustness Assessment." *Political Science Research and Methods* 3(1): 95-111. DOI: https://doi.org/10.1017/psrm.2014.14.

14. Esarey, Justin, and Jacqueline H. R. Demeritt. 2014. "Defining and Modeling State-dependent Dynamic Systems." *Political Analysis* 22(1): 66-85. DOI: https://doi.org/10.1093/pan/mpt021.

15. Esarey, Justin, and Gina Chirillo. 2013. "'Fairer Sex' or Purity Myth? Corruption, Gender, and Institutional Context." *Politics and Gender* 9(4): 390-413. DOI: https://doi.org/10.1017/S1743923X13000378.

   Note: This paper was profiled by Reuters, Time, New York Magazine, Slate, The Guardian, WDET Radio, and in the Jezebel blog.

16. Esarey, Justin, and Andrew Pierce. 2012. "Assessing Fit Quality and Testing for Misspecification in Binary-Dependent Variable Models." *Political Analysis* 20(4): 480-500. DOI: https://doi.org/10.1093/pan/mps026.

17. Esarey, Justin, Timothy C. Salmon, and Charles Barrilleaux. 2012. "Social Insurance and Income Redistribution in a Laboratory Experiment." *Political Research Quarterly* 65(3): 685-698. DOI: https://doi.org/10.1177/F1065912911411096.

18. Esarey, Justin, Timothy C. Salmon, and Charles Barrilleaux. 2012. "What Motivates Political Preferences? Self-Interest, Ideology, and Fairness in a Laboratory Democracy." *Economic Inquiry* 50(3): 604-624. DOI: https://doi.org/10.1111/j.1465-7295.2011.00394.x.

19. Berry, William D., Jacqueline H. R. Demeritt and Justin Esarey. 2010. "Testing for Interaction in Binary Logit and Probit Models: Is a Product Term Essential?" *American Journal of Political Science* 54(1):248-266. DOI: https://doi.org/10.1111/j.1540-5907.2009.00429.x.

20. Ahn, TK, Justin Esarey, and John Scholz. 2009. "Reputation and Cooperation in Voluntary Exchanges: Comparing Local and Central Institutions." *Journal of Politics* 71(2): 398-413. DOI: https://doi.org/10.1017/S0022381609090355.

21. Ahn, TK and Justin Esarey. 2008. "A Dynamic Model of Generalized Social Trust." *Journal of Theoretical Politics* 20: 151-180. DOI: https://doi.org/10.1177/F0951629807085816.

22. Esarey, Justin, Bumba Mukherjee, and Will H. Moore. 2008. "Strategic Interaction and Interstate Crises: A Bayesian Quantal Response Estimator for Incomplete Information Games." *Political Analysis* 16:250-273. DOI: https://doi.org/10.1093/pan/mpm037.

Book Chapters

1. Schwindt-Bayer, Leslie, Justin Esarey, and Erika Schumacher. 2018. "Gender and Citizen Responses to Corruption among Politicians: The U.S. and Brazil." In *Gender and Corruption: Historical Roots and New Avenues for Research*, eds. Helena Stensöta and Lena Wägnerud. London: Palgrave Macmillan. URL: https://goo.gl/Gf5a3t.

2. Esarey, Justin. 2017. "Causal Inference with Observational Data." Chapter 4 in *Analytics, Policy, and Governance*, eds. Jennifer Bachner, Kathryn Wagner Hill, and Benjamin Ginsberg. New Haven: Yale University Press. URL: https://goo.gl/saLmUs.

Working Papers

1. Esarey, Justin, and Jacob Jaffe. "A Direct Test for Consistency of Random Effects Models that Outperforms the Hausman Test."

2. Esarey, Justin, and Vera Liu. "A Prospective Test for Replicability and a Retrospective Analysis of Theoretical Prediction Strength in the Social Sciences."

Software

1. `clusterSEs` package for R (version 2.5 uploaded 6/1/2018). URL: https://goo.gl/RgFvYY. As of December 5, 2018, this package has been downloaded 46297 times from the RStudio CRAN mirror.

2. `interactionTest` package for R (version 1.1 uploaded 11/30/2018). URL: https://goo.gl/8DGTjb. Co-authored with Jane Lawrence Sumner. As of December 5, 2018, this package has been downloaded 10465 times from the RStudio CRAN mirror.

3. Course Workload Estimator Shiny App (version 1.0 uploaded 7/15/2016). URL: https://shiny.justinesarey.com/riceworkloadapp/. Co-authored with Elizabeth Barre. As of December 5, 2018, this software has been accessed in 62651 sessions (as measured by Google Analytics).

   Note: This software won the 2017 POD innovation award of the Professional and Organizational Development Network in Higher Education.

4. `heatmapFit` package for R (version 2.0.4 uploaded 6/6/2016). Co-authored with Andrew Pierce and Jericho Du. URL: http://goo.gl/AlJtOS. As of December 5, 2018, this package has been downloaded 14344 times from the RStudio CRAN mirror.

5. `cstar` package for R (version 1.0 uploaded 5/18/2014). Co-authored with Nathan Danneman. URL: http://goo.gl/YVp3eV. As of December 5, 2018, this package has been downloaded 10930 times from the RStudio CRAN mirror.

Grants and Fellowships

1. Justin Esarey (PI). 2014-2017. National Science Foundation Grant #1423825: "An Online International Methods Colloquium for Quantitative Methodology in Political Science." $252,384.

2. Justin Esarey (PI). 2010. Emory University Research Committee Grant: "A Formal Test of Substantive Significance." $15,400.

3. Charles Barrilleaux (PI), Tim Salmon and Justin Esarey (Co-PIs). 2007-2009. National Science Foundation Grant #0720055: "Explaining Preferences for Social Insurance and Redistribution in a Laboratory Democracy." $108,000.

4. University Fellowship (non-duty), Florida State University. 2006-2007. $19,500 + tuition waiver.

5. National Science Foundation Graduate Research Fellowship Program Honorable Mention. 2004.

6. College Teaching Fellowship, Florida State University. 2003. $15,000 + tuition waiver.

7. National Merit Finalist. 1999-2002. Full tuition, room, and board scholarship to Bowling Green State University.

Institutional and Professional Service

1. Editor, *The Political Methodologist*   2013-present
   Website: https://www.thepoliticalmethodologist.com

2. Moderator and Principal Investigator   2014-present
   International Methods Colloquium
   Website: https://www.methods-colloquium.com/

3. Director   2018-present
   Master's Program in Quantitative Social Research and Data Science
   Wake Forest University

4. Graduate Committee Member and Head of the Methodology Field   2013-2018
   Rice Department of Political Science
   [break during AY 2015-16 for junior leave]

5. Program Committee   2018
   Annual Meeting of the Society for Political Methodology
   Brigham Young University

6. SSRI Faculty Advisory Committee   2017-present
   Rice University College of Social Sciences

7. Publications Committee   2017-present
   Society for Political Methodology

8. Comparative Politics Junior Faculty Search Committee   2017-2018
   Rice University Department of Political Science

9. Chair, Ad Hoc Review Committee   2017
   Data Science Applicants to Political Science

10. Ad Hoc Task Force Member   2017
    Social Sciences Quantitative Methods Syllabus Development

11. Host and Chair of the Program Committee   2016
    Annual Meeting of the Society for Political Methodology
    July 21-23 at Rice University

12. Section Head for Political Methodology   2015-2016
    Southern Political Science Association Annual Conference

13. Section Head for Political Methodology   2014-2015
    Midwest Political Science Association Annual Conference

14. Dean's Advisory Committee   2013-2015
    Rice University College of Social Sciences

15. Junior Faculty Search Committee   2014
    Rice University Department of Political Science

16. Organizer (with Drew Linzer)   2010
    Dimensions in Methodology at Emory University Conference

17. Organizer   2010
    Pi Sigma Alpha Mini-conference for Undergraduate Research
    April 16, 2010 at Emory University

18. Advisor   2009-2012
    Pi Sigma Alpha honorary society
    for undergraduate political science majors

19. Graduate Committee Member   2008-2012
    Emory Department of Political Science

20. Senior Faculty Search Committee   2006
    Florida State Department of Political Science

21. Graduate Program External Review Committee   2006
    Florida State Department of Political Science

22. Junior Faculty Search Committee   2005
    Florida State Department of Political Science

23. Graduate Computer Lab Coordinator   2003-2008
    Florida State Department of Political Science

Teaching Experience

1. Research Methods (POL 280), Fall 2018, Wake Forest University
2. Introduction to Social Scientific Thinking I (PhD: POLI 500), Fall 2014-2017, Rice University.
3. Advanced Maximum Likelihood (PhD: POLI 505), Spring 2015, Rice University.
4. Nonparametric Models and Machine Learning (PhD: POLI 507), Spring 2013, 2014, and 2017, Rice University.
5. Bayesian Statistics (PhD: POLI 506), Fall 2012, 2013, 2017 and Spring 2015, Rice University.
6. Introduction to Statistics (Undergraduate: POLI 395), Fall 2013 and 2015 and Spring 2017, Rice University.
7. Introduction to Statistics (MA in Global Studies: GLBL 503), Fall 2015, Rice University.
8. The Linear Model (PhD: POLS 509), Spring 2010, 2011, 2012, Emory University.
9. Political Science Research Methods (Undergraduate: POLS 208), Spring and Fall 2009, Spring and Fall 2011, Emory University.
10. Advanced Game Theory (PhD: POLS 514), Fall 2008, 2009, 2010, and 2011, Emory University.
11. Applied Game Theory (PhD: POLS 515), Spring 2012, Emory University.
12. Presidency (Undergraduate: POLS 341), Fall 2008 and Spring 2010, Emory University.
13. Introduction to Public Policy (Undergraduate: PUP 3002), Summer 2005 and Summer 2006, Florida State University.

Other Teaching Activities

1. Esarey, Justin. "Teaching Quantitative Methods to Social Science Undergraduates with a Flipped Classroom." Teaching demonstration presented at the De Lange Conference IX, October 13-14 2014, Rice University.
2. YouTube video channel (http://goo.gl/mR68LV) with over 30 PhD-level instructional statistics videos. As of December 5, 2018, the videos have been viewed 194023 times since they were uploaded starting in 2012.

Additional Training

Program for Instructional Excellence
Fall Program, Florida State University   2006

Empirical Implications of Theoretical Models Summer Workshop
Washington University in St. Louis   2005

Honors and Awards

2017 POD Innovation Award (with Elizabeth Barre)   2017
Professional and Organizational Development Network in Higher Education
Awarded for developing the Course Workload Estimator Shiny App

George W. Pruet, Jr. Award for Best Graduate Student Paper
Department of Political Science, Florida State University   2005, 2006

Undergraduate Research Paper Award
American Academy of Political and Social Science   2004

President's Award for Outstanding Academic Achievement
(4.0 Undergraduate GPA)
Bowling Green State University   2002

Mayeux Prize for Outstanding Honors Thesis
Bowling Green State University   2002

Phi Beta Kappa, Xi of Ohio Chapter
Bowling Green State University   2002

Conference Presentations and Other Talks

1. Bryant, Kristin, and Justin Esarey. "Are Human Rights Protected by Voters? Results from a Survey Experiment." Invited presentation at Duke University Political Science Department, November 7, 2018.

2. Esarey, Justin and Leslie Schwindt-Bayer. "Are Women More Resistant to Corruption?." Invited presentation at Transparency International's International Anti-Corruption Conference in Copenhagen, Denmark, October 23, 2018.

3. Esarey, Justin and Leslie Schwindt-Bayer. "Are Women More Resistant to Corruption? A Formal Theory and Evidence from a Laboratory Experiment." Invited presentation at Texas A&M Univeristy, September 20, 2018.

4. Bryant, Kristin, and Justin Esarey. "Are Human Rights Protected by Voters? Results from a Survey Experiment." Presentation at the Annual Meeting of the American Political Science Association, August 31, 2018.

5. Esarey, Justin and Leslie Schwindt-Bayer. "Are Women More Resistant to Corruption? A Formal Theory and Evidence from a Laboratory Experiment." Presentation at the Annual Meeting of the American Political Science Association, August 30, 2018.

6. Esarey, Justin. "What Makes Someone a Political Methodologist?" Presentation at the Minnesota Political Methodology Colloquium, University of Minnesota, May 5, 2018.

7. Esarey, Justin. "Statistical Inference and the Role of the Null Hypothesis Significance Test." Presentation at the University of Zürich, February 16, 2018.

8. Esarey, Justin, and Jacob Jaffe. "A Direct Test for Consistency of Random Effects Models that Outperforms the Hausman Test." Paper presented at the 2017 Annual Meeting of the Society for Political Methodology.

9. Esarey, Justin, and Jacob Jaffe. "A Direct Test for Consistency of Random Effects Models that Outperforms the Hausman Test." Paper presented at the 2017 Time and Space Conference at Texas A&M University.

10. Esarey, Justin, and Jacob Jaffe. "A Direct Test for Consistency of Random Effects Models that Outperforms the Hausman Test." Paper presented at the 2017 Texas Methods Meeting at the University of Houston.

11. Esarey, Justin, and Vera Liu. "A Prospective Test for Replicability and a Retrospective Analysis of Theoretical Prediction Strength in the Social Sciences." Poster presented at the 2017 Texas Methods Meeting at the University of Houston.

12. Esarey, Justin, and Andrew Menger. "Practical and Effective Approaches to Dealing with Clustered Data." Poster presented at the 2017 Texas Methods Meeting at the University of Houston.

13. Esarey, Justin, and Andrew Wood. "Blogs, Online Seminars, and Social Media as Tools of Scholarship in Political Science." Paper presented at the 2016 Annual Meeting of the American Political Science Association.

14. Esarey, Justin, and Andrew Menger. "Practical and Effective Approaches to Dealing with Clustered Data." Paper presented at the 2016 Annual Meeting of the Southern Political Science Association.

15. Esarey, Justin, and Andrew Menger. "Practical and Effective Approaches to Dealing with Clustered Data." Paper presented at the 2015 Annual Meeting of the Society for Political Methodology.

16. Esarey, Justin, and Andrew Menger. "Practical and Effective Approaches to Dealing with Clustered Data." Paper presented at the 2015 Annual Meeting of the Midwestern Political Science Association.

17. Esarey, Justin, and Leslie Schwindt-Bayer. "Women's Representation, Accountability, and Corruption in Democracies." Paper presented at the 2015 European Conference on Politics and Gender at Uppsala University.

18. Roundtable presentation at a workshop of the National Research Council of the National Academies: "Statistical Challenges in Assessing and Fostering the Reproducibility of Scientific Results: A Workshop." Presented on Thursday, February 26th. Agenda for conference available here: http://goo.gl/93zlBs.

19. Esarey, Justin. "Using One-Sided Conditional Relationships as Instrumental Variables for Causal Identification." Poster presented at the 2014 Annual Meeting of the Society for Political Methodology.

20. Esarey, Justin and Leslie Schwindt-Bayer. "Gender, Corruption, and Accountability: Why Women are (Sometimes) More Resistant to Corruption Than Men." Presented at the International Workshop of the SFB 700, "Why is Gender Equality Good for Governance?" at Freie Universitat, Berlin.

21. Esarey, Justin and Leslie Schwindt-Bayer. "Gender, Corruption, and Accountability: Why Women are (Sometimes) More Resistant to Corruption Than Men." Presented at the 2014 Texas Triangle Research Conference.

22. Esarey, Justin and Ahra Wu. "The Fault in our Stars: Measuring and Mitigating 'Significance Bias' in Political Science." Paper presented at the 2013 Annual Meeting of the American Political Science Association.

23. Esarey, Justin and Ahra Wu. "Assessing and Correcting Publication Bias." Poster presented at the 2013 Annual Meeting of the Society for Political Methodology.

24. Esarey, Justin, and Jacqueline H. R. Demeritt. "Political Context and the Effectiveness of 'Naming and Shaming' for Human Rights Abuses." Paper presented at the 2013 Annual Meeting of the Midwest Political Science Association.

25. Esarey, Justin, and Jacqueline H. R. Demeritt. "Political Context and the Effectiveness of 'Naming and Shaming' for Human Rights Abuses." Paper presented at the 2013 Texas Triangle Research Conference.

26. Esarey, Justin, and Jane Lawrence. "Overconfidence in Testing of Interaction Hypotheses: Determining and Controlling the False Positive Rate." Paper presented at the 2012 Annual Meeting of the Society for Political Methodology.

27. Esarey, Justin, and Andrew Pierce. "A New Model Specification and Fit Assessment Statistic for Binary Dependent Variable Models." Paper presented at the 2011 Annual Meeting of the American Political Science Association.

28. Esarey, Justin, and Jacqueline H. R. Demeritt. "State-dependent Dynamic Systems: A Model and Application to "Naming and Shaming" for Human Rights Abuses." Poster presented at the 2011 Annual Meeting of the Society for Political Methodology.

29. Esarey, Justin and Neza Sarkari. "Violent Political Dissent, Ethnic Heterogeneity, and Political Institutions." Paper presented at the 2010 Annual Meeting of the Southern Economic Association.

30. Esarey, Justin. "Substantive Significance and the Presentation of Marginal Effects." Presentation at the Dimensions in Methodology at Emory University Conference.

31. Esarey, Justin. "Substantive Significance and the Presentation of Marginal Effects." Paper presented at the 2010 Annual Meeting of the Society for Political Methodology.

32. Berry, William, Jacqueline H. R. Demeritt, and Justin Esarey. "Estimating Binary Dependent Variable Models Under Conditions Of Specification Ambiguity." Poster presented at the 2010 Annual Meeting of the Society for Political Methodology.

33. Esarey, Justin. "A Formal Test of Substantive Significance." Paper presented at the 2010 Annual Meeting of the Midwest Political Science Association.

34. Esarey, Justin and Gina Chirillo. "Corruption and Female Participation in Government." Paper presented at the 2010 Annual Meeting of the Midwest Political Science Association.

35. Esarey, Justin, and Neza Sarkari. "Democracy, Diversity, and Political Stability: Institutional Effects on Ethnic Conflict." Paper presented at the 2010 Annual Meeting of the Southern Political Science Association.

36. Esarey, Justin. "Bayesian Statistical Decision Theory and a Critical Test for Substantive Significance." Paper presented at the 2009 Annual Meeting of the American Political Science Association.

37. Esarey, Justin. "Calculated Risks: A Rational Choice Method for Interpreting Statistical Results." Poster presented at the 2009 Annual Meeting of the Society for Political Methodology.

38. Esarey, Justin. "Competitive Budgeting and Bureaucratic Control: A Theory and Experimental Test." Presented at the 2008 Annual Meeting of the American Political Science Association.

39. Esarey, Justin. "An Experiment in Strategic Budgeting." Poster presented at the 2008 Annual Meeting of the Society for Political Methodology.

40. Esarey, Justin, Bumba Mukherjee, and Will H. Moore. "A Fixed-Effects Bayesian Quantal Response Estimator for Incomplete Information Games." Presented at the 2007 Annual Meeting of the American Political Science Association.

41. Ahn, TK, Justin Esarey, and John Scholz. "Centralized vs. Localized Reputation Mechanisms in Enhancing Cooperation." Presented at the 2007 Annual Meeting of the American Political Science Association.

42. Berry, William, Justin Esarey, and Jacqueline H. Rubin. "Testing Binary Dependent Variable Models Under Conditions of Specification Uncertainty." Poster presented at the 2007 Annual Meeting of the Society for Political Methodology.

43. Esarey, Justin, Bumba Mukherjee, and Will H. Moore. "A Fixed-Effects Bayesian Quantal Response Estimator for Incomplete Information Games." Poster presented at the 2007 Annual Meeting of the Society for Political Methodology.

44. Berry, William, Justin Esarey, and Jacqueline H. Rubin. "Testing for Interaction in Binary Logit and Probit Models: Is a Product Term Essential?" Presented at the 2007 Annual Meeting of the Midwest Political Science Association.

45. Esarey, Justin. "Continuous Choice Quantal Response Estimation of a Principal-Agent Model." Presented at the 2006 Annual Meeting of the American Political Science Association.

46. Esarey, Justin, Tim Salmon, and Charles Barrilleaux. "What Motivates Political Preferences? Self-Interest, Ideology, and Fairness in a Laboratory Democracy." Presented at the 2006 Annual Meeting of the Midwest Political Science Association, and the 2006 Annual Meeting of the Southern Political Science Association.

47. Ahn, TK, Justin Esarey, and John Scholz. "Networks and Collective Action: An Experimental Investigation of Reputation and Strategy Selection." Presented at the 2005 Annual Meeting of the American Political Science Association.

48. Ahn, TK, and Justin Esarey. "Evolutionary Stable Signals of Trustworthiness." Presented at the 2004 Annual Meeting of the American Political Science Association.

49. Esarey, Justin, and TK Ahn. "Strategic and Norm-Driven Behavior in a Laboratory Experiment." Presented at the 2004 Annual Meeting of the American Political Science Association.

References

Available upon request.