

Justin Esarey  
<http://www.justinesarey.com>

May 21, 2017

Rice University  
Department of Political Science, MS-24  
105 Herzstein Hall  
6100 Main Street  
Houston, TX 77251-1892

Voice: (678) 383-9629  
Fax: (713) 348-5273

Email: [justin@justinesarey.com](mailto:justin@justinesarey.com)

## Positions Held

2017-current Associate Professor of Political Science (with tenure), Rice University  
2012-2017 Assistant Professor of Political Science, Rice University  
2008-2012 Assistant Professor of Political Science, Emory University

## Education

2008 PhD in Political Science, Florida State University  
Advisor: William D. Berry  
2004 MS in Political Science, Florida State University  
2002 BA in Political Science (Minor in Mathematics), Bowling Green State University  
Summa cum Laude  
2002 BS in Economics, Bowling Green State University  
Summa cum Laude

## Journal Articles

1. Esarey, Justin, and Jane Lawrence Sumner. 2017. "Marginal Effects in Interaction Models: Determining and Controlling the False Positive Rate." *Comparative Political Studies*, forthcoming.
2. Esarey, Justin, and Andrew Wood. 2017. "Blogs, Online Seminars, and Social Media as Tools of Scholarship in Political Science." Conditionally accepted at *PS: Political Science and Politics*.

3. 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*, forthcoming.
4. Esarey, Justin, and Andrew Menger. 2016. "Practical and Effective Approaches to Dealing with Clustered Data." Conditionally accepted at *Political Science Research and Methods*.
5. 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>.
6. Esarey, Justin, and Jacqueline H. R. Demeritt. 2016. "Political Context and the Consequences of Naming and Shaming for Human Rights Abuse." Forthcoming at *International Interactions*. DOI: <http://dx.doi.org/10.1080/03050629.2016.1223656>.
7. Esarey, Justin, and Leslie Schwindt-Bayer. 2016. "Women's Representation, Accountability, and Corruption in Democracies." Forthcoming at the *British Journal of Political Science*.
8. Esarey, Justin. 2016. "Fractionally Integrated Data and the Autodistributed Lag Model: Results from a Simulation Study." *Political Analysis* 24(1): 42-49.
9. 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.
10. Esarey, Justin, and Nathan Danneman. 2015. "A Quantitative Method for Substantive Robustness Assessment." *Political Science Research and Methods* 3(1): 95-111.
11. Esarey, Justin, and Jacqueline H. R. Demeritt. 2014. "Defining and Modeling State-dependent Dynamic Systems." *Political Analysis* 22(1): 66-85.
12. Esarey, Justin, and Gina Chirillo. 2013. "'Fairer Sex' or Purity Myth? Corruption, Gender, and Institutional Context." *Politics and Gender* 9(4): 390-413. Note: This paper was profiled by Reuters, Time, New York Magazine, Slate, The Guardian, WDET Radio, and in the Jezebel blog.
13. Esarey, Justin, and Andrew Pierce. 2012. "Assessing Fit Quality and Testing for Misspecification in Binary-Dependent Variable Models." *Political Analysis* 20(4): 480-500.
14. 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.
15. 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.

16. 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.
17. 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.
18. 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.
19. Ahn, TK and Justin Esarey. 2008. "A Dynamic Model of Generalized Social Trust." *Journal of Theoretical Politics* 20: 151-180.

## Book Chapters

1. 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."
3. Esarey, Justin, and Leslie Schwindt-Bayer. "Estimating Causal Relationships Between Women's Representation in Government and Corruption."

## Software Packages

1. `clusterSEs` package for R (version 2.3.3 uploaded 3/5/2017). URL: <https://goo.gl/RgFvYY>. As of March 28th, 2017, this package has been downloaded 9141 times from the RStudio CRAN mirror.
2. `interactionTest` package for R (version 1.0.1 uploaded 3/21/2017). URL: <https://goo.gl/8DGTjb>. Co-authored with Jane Lawrence Sumner. As of March 28th, 2017, this package has been downloaded 3120 times from the RStudio CRAN mirror.

3. `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 March 28th, 2017, this package has been downloaded 10314 times from the RStudio CRAN mirror.
4. `cstar` package for R (version 1.0 uploaded 5/18/2014). Co-authored with Nathan Danneman. URL: <http://goo.gl/YVp3eV>. As of March 28th, 2017, this package has been downloaded 7397 times from the RStudio CRAN mirror.

## Grants and Fellowships

- |            |   |
|------------|---|
| 2014-2017  | Justin Esarey (PI). National Science Foundation Grant #1423825: “An On-line International Methods Colloquium for Quantitative Methodology in Political Science.” \$252,384.   |
| 2010       | Justin Esarey (PI). Emory University Research Committee Grant: “A Formal Test of Substantive Significance.” \$15,400.   |
| 2007-2009  | Charles Barrilleaux (PI), Tim Salmon and Justin Esarey (Co-PIs). National Science Foundation Grant #0720055: “Explaining Preferences for Social Insurance and Redistribution in a Laboratory Democracy.” \$108,000. |
| 2006, 2007 | University Fellowship (non-duty), Florida State University. \$19,500 + tuition waiver.  |
| 2004       | National Science Foundation Graduate Research Fellowship Program Honorable Mention.   |
| 2003       | College Teaching Fellowship, Florida State University. \$15,000 + tuition waiver.   |
| 1999-2002  | National Merit Finalist. Full tuition, room, and board scholarship to Bowling Green State University.   |

## Institutional & Professional Service

- |              |   |
|--------------|---|
| 2016         | Host and Chair of the Program Committee for the Annual Meeting of the Society for Political Methodology (July 21-23 at Rice University).                                      |
| 2015-2016    | Section Head for Political Methodology of the Southern Political Science Association’s Annual Conference.   |
| 2014-current | Moderator and Principal Investigator of the International Methods Colloquium (Website: <a href="http://www.methods-colloquium.com/">http://www.methods-colloquium.com/</a> ). |
| 2014-2015    | Section Head for Political Methodology of the Midwest Political Science Association’s Annual Conference.  |

2013-2016	Editor, <i>The Political Methodologist</i> .
2013-current	Graduate Committee Member and Head of the Methodology Field, Rice Department of Political Science [break during AY 2015-16 for junior leave].
2013-2015	Dean's Advisory Committee, Rice University College of Social Sciences.
2014	Junior Faculty Search Committee, Rice Department of Political Science.
2010	Organizer (with Drew Linzer) of the Dimensions in Methodology at Emory University Conference.
2010	Organizer of the 2010 Pi Sigma Alpha Mini-conference for Undergraduate Research at Emory University on April 16, 2010.
2009-12	Advisor, Pi Sigma Alpha honorary society for undergraduate political science majors.
2008-12	Graduate Committee Member, Emory Department of Political Science.
2006	Senior Faculty Search Committee, Florida State Department of Political Science.
2006	Graduate Program External Review Committee, Florida State Department of Political Science.
2005	Junior Faculty Search Committee, Florida State Department of Political Science.
2003-08	Graduate Computer Lab Coordinator, Florida State Department of Political Science.

## Professional Reviews

2017	American Political Science Review, Journal of Politics, Politics and Gender, Research and Politics, American Journal of Political Science, British Journal of Political Science
2016	Oxford University Press, Princeton University Press, Time-Sharing Experiments in the Social Sciences, Rationality and Society, Political Science Research and Methods, British Journal of Political Science, Journal of Conflict Resolution, Comparative Political Studies, American Politics Research
2015	Political Analysis, American Journal of Political Science, Journal of Public Economics, British Journal of Political Science, Journal of Politics, Political Behavior, Economic Development and Cultural Change

- 2014 Economic Inquiry, Conflict Management and Peace Science, American Journal of Political Science, American Political Science Review, Yale Law Review, Political Science Research and Methods
- 2013 American Journal of Political Science, American Political Science Review, British Journal of Political Science, Politics and Gender, Time-sharing Experiments in the Social Sciences, Oxford University Press, Comparative Political Studies
- 2012 Political Behavior, CQ Press, Journal of Peace Research, American Journal of Political Science
- 2011 American Journal of Political Science, Journal of Public Administration Research and Theory, Journal of Theoretical Politics, Political Research Quarterly, Sage University Press, Economic Inquiry
- 2010 American Economic Review, American Political Science Review, American Journal of Political Science, Political Analysis, International Studies Quarterly, Political Research Quarterly, Political Behavior, Routledge, Soomo Publishing
- 2009 Politics and Policy, Journal of Theoretical Politics, Quarterly Journal of Political Science, American Journal of Political Science, International Interactions
- 2008 Journal of Politics, American Journal of Political Science, International Studies Quarterly, Political Analysis

## Teaching Experience

1. Introduction to Social Scientific Thinking I (PhD: POLI 500), Fall 2014-2016, Rice University.
2. Advanced Maximum Likelihood (PhD: POLI 505), Spring 2015, Rice University.
3. Nonparametric Models and Machine Learning (PhD: POLI 507), Spring 2013, 2014, and 2017, Rice University.
4. Bayesian Statistics (PhD: POLI 506), Fall 2012 and 2013 and Spring 2015, Rice University.
5. Introduction to Statistics (Undergraduate: POLI 395), Fall 2013 and 2015 and Spring 2017, Rice University.
6. Introduction to Statistics (MA in Global Studies: GBL 503), Fall 2015, Rice University.
7. The Linear Model (PhD: POLS 509), Spring 2010, 2011, 2012, Emory University.
8. Political Science Research Methods (Undergraduate: POLS 208), Spring and Fall 2009, Spring and Fall 2011, Emory University.

9. Advanced Game Theory (PhD: POLS 514), Fall 2008, 2009, 2010, and 2011, Emory University.
10. Applied Game Theory (PhD: POLS 515), Spring 2012, Emory University.
11. Presidency (Undergraduate: POLS 341), Fall 2008 and Spring 2010, Emory University.
12. 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 34 PhD-level instructional statistics videos. As of March 28, 2017, the videos have been viewed over 156,000 times since they were uploaded starting in 2012.

## Additional Training

- |      |   |
|------|---|
| 2005 | Empirical Implications of Theoretical Models Summer Workshop, Washington University in St. Louis. |
| 2006 | Program for Instructional Excellence, Fall Program, Florida State University.                     |

## Honors and Awards

- |          |  |
|----------|--|
| 2005, 06 | George W. Pruet, Jr. Award for Best Graduate Student Paper, Department of Political Science, Florida State University. |
| 2004     | Undergraduate Research Paper Award, American Academy of Political and Social Science.                                  |
| 2002     | 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.  |

## Conference Presentations

1. 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.
2. 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.
3. 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.
4. 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.
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.
10. 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. URL: Agenda for conference available here: <http://goo.gl/93zlBs>.
11. 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.



12. 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.
13. 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.
14. 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.
15. Esarey, Justin and Ahra Wu. "Assessing and Correcting Publication Bias." Poster presented at the 2013 Annual Meeting of the Society for Political Methodology.
16. 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.
17. 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.
18. 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.
19. 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.
20. 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.
21. 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.
22. Esarey, Justin. "Substantive Significance and the Presentation of Marginal Effects." Presentation at the Dimensions in Methodology at Emory University Conference.
23. Esarey, Justin. "Substantive Significance and the Presentation of Marginal Effects." Paper presented at the 2010 Annual Meeting of the Society for Political Methodology.
24. 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.

25. Esarey, Justin. "A Formal Test of Substantive Significance." Paper presented at the 2010 Annual Meeting of the Midwest Political Science Association.
26. Esarey, Justin and Gina Chirillo. "Corruption and Female Participation in Government." Paper presented at the 2010 Annual Meeting of the Midwest Political Science Association.
27. 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.
28. 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.
29. 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.
30. Esarey, Justin. "Competitive Budgeting and Bureaucratic Control: A Theory and Experimental Test." Presented at the 2008 Annual Meeting of the American Political Science Association.
31. Esarey, Justin. "An Experiment in Strategic Budgeting." Poster presented at the 2008 Annual Meeting of the Society for Political Methodology.
32. 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.
33. 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.
34. 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.
35. 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.
36. 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.
37. Esarey, Justin. "Continuous Choice Quantal Response Estimation of a Principal-Agent Model." Presented at the 2006 Annual Meeting of the American Political Science Association.

38. 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.
39. 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.
40. Ahn, TK, and Justin Esarey. "Evolutionary Stable Signals of Trustworthiness." Presented at the 2004 Annual Meeting of the American Political Science Association.
41. 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.