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## Positions Held

2012-current     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  
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

## Publications

2015             Esarey, Justin. "Fractionally Integrated Data and the Autodistributed Lag Model: Results from a Simulation Study." *Political Analysis*, forthcoming.  
2015             Berry, William, Jacqueline H. R. Demeritt, and Justin Esarey. "Bias and Overconfidence in Parametric Models of Interactive Processes." *American Journal of Political Science*, forthcoming.  
2015             Esarey, Justin. "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. Forthcoming.

- 2015 Esarey, Justin, and Nathan Danneman. "A Quantitative Method for Substantive Robustness Assessment." *Political Science Research and Methods* 3(1): 95-111.
- 2014 Esarey, Justin, and Jacqueline H. R. Demeritt. "Defining and Modeling State-dependent Dynamic Systems." *Political Analysis* 22(1): 66-85.
- 2013 Esarey, Justin, and Gina Chirillo. "'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.
- 2012 Esarey, Justin, and Andrew Pierce. "Assessing Fit Quality and Testing for Misspecification in Binary-Dependent Variable Models." *Political Analysis* 20(4): 480-500.
- 2012 Esarey, Justin, Timothy C. Salmon, and Charles Barrilleaux. "Social Insurance and Income Redistribution in a Laboratory Experiment." *Political Research Quarterly* 65(3): 685-698.
- 2012 Esarey, Justin, Timothy C. Salmon, and Charles Barrilleaux. "What Motivates Political Preferences? Self-Interest, Ideology, and Fairness in a Laboratory Democracy." *Economic Inquiry* 50(3): 604-624.
- 2010 Berry, William D., Jacqueline H. R. Demeritt and Justin Esarey. "Testing for Interaction in Binary Logit and Probit Models: Is a Product Term Essential?" *American Journal of Political Science* 54(1):248-266.
- 2009 Ahn, TK, Justin Esarey, and John Scholz. "Reputation and Cooperation in Voluntary Exchanges: Comparing Local and Central Institutions." *Journal of Politics* 71(2): 398-413.
- 2008 Esarey, Justin, Bumba Mukherjee, and Will H. Moore. "A Fixed-Effects Bayesian Quantal Response Estimator for Incomplete Information Games." *Political Analysis* 16: 250-273.
- 2008 Ahn, TK and Justin Esarey. "A Dynamic Model of Generalized Social Trust." *Journal of Theoretical Politics* 20: 151-180.

## Revise and Resubmit

1. Esarey, Justin, and Leslie Schwindt-Bayer. "Women's Representation, Accountability, and Corruption in Democracies." Invited to revise and resubmit at the *British Journal of Political Science*.

## Working Papers

1. Esarey, Justin, and Jane Lawrence. “Marginal Effects in Interaction Models: Determining and Controlling the False Positive Rate.”
2. Esarey, Justin, and Jacqueline H. R. Demeritt. “Political Context and the Effectiveness of ‘Naming and Shaming’ for Human Rights Abuses.”
3. Esarey, Justin, and Andrew Menger. “Practical and Effective Approaches to Dealing with Clustered Data.”
4. Esarey, Justin. “Using One-Sided Conditional Relationships as Instrumental Variables for Causal Identification: Does Corruption Harm Economic Development?”

## Software Packages

1. `clusterSEs` package for R (version 2.1 uploaded 8/5/2015). URL: <https://goo.gl/RgFvYY>. As of August 15th, 2015, this package has been downloaded 1620 times from the RStudio CRAN mirror.
2. `interactionTest` package for R (version 1.0 uploaded 9/1/2015). URL: <https://goo.gl/8DGTjb>. Co-authored with Jane Lawrence Sumner.
3. `heatmapFit` package for R (version 2.0.2 uploaded 8/16/2014, original version uploaded 10/21/2012). Co-authored with Andrew Pierce and Jericho Du. URL: <http://goo.gl/AlJtOS>. As of August 15th, 2015, this package has been downloaded 6010 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 August 15th, 2015, this package has been downloaded 3688 times from the RStudio CRAN mirror.

## Grants and Fellowships

2014-2016	Justin Esarey (PI). National Science Foundation Grant #1423825: “An Online 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

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-current	Editor, <i>The Political Methodologist</i> .
2013-current	Graduate Committee Member and Head of the Methodology Field, Rice Department of Political Science.
2013-current	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

2015	Political Analysis, American Journal of Political Science, Journal of Public Economics, British Journal of Political Science, Journal of Politics
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), Fall 2014 and 2015, Rice University.
2. Advanced Maximum Likelihood (PhD), Spring 2015, Rice University.
3. Nonparametric Models and Machine Learning (PhD), Spring 2013 and 2014, Rice University.
4. Bayesian Statistics (PhD), Fall 2012 and 2013 and Spring 2015, Rice University.

5. Introduction to Statistics (Undergraduate), Fall 2013 and 2015, Rice University.
6. The Linear Model (PhD), Spring 2010, 2011, 2012, Emory University.
7. Political Science Research Methods (Undergraduate), Spring and Fall 2009, Spring and Fall 2011, Emory University.
8. Advanced Game Theory (PhD), Fall 2008, 2009, 2010, and 2011, Emory University.
9. Applied Game Theory (PhD), Spring 2012, Emory University.
10. Presidency (Undergraduate), Fall 2008 and Spring 2010, Emory University.
11. Introduction to Public Policy (Undergraduate), Summer 2005 and Summer 2006, Florida State University.

## Other Teaching Activities

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| 2014         | 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.                               |
| 2012-current | YouTube video channel ( <a href="http://goo.gl/mR68LV">http://goo.gl/mR68LV</a> ) with 34 PhD-level instructional statistics videos. As of August 15th, 2015, the videos have been viewed over 87,000 times since they were uploaded in 2012. |

## Additional Training

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| 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

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| 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

- 2015 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.
- 2015 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.
- 2015 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.
- 2015 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>.
- 2014 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.
- 2014 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.
- 2014 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.
- 2013 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.
- 2013 Esarey, Justin and Ahra Wu. "Assessing and Correcting Publication Bias." Poster presented at the 2013 Annual Meeting of the Society for Political Methodology.
- 2013 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.
- 2013 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.

- 2012 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.
- 2011 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.
- 2011 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.
- 2010 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.
- 2010 Esarey, Justin. "Substantive Significance and the Presentation of Marginal Effects." Presentation at the Dimensions in Methodology at Emory University Conference.
- 2010 Esarey, Justin. "Substantive Significance and the Presentation of Marginal Effects." Paper presented at the 2010 Annual Meeting of the Society for Political Methodology.
- 2010 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.
- 2010 Esarey, Justin. "A Formal Test of Substantive Significance." Paper presented at the 2010 Annual Meeting of the Midwest Political Science Association.
- 2010 Esarey, Justin and Gina Chirillo. "Corruption and Female Participation in Government." Paper presented at the 2010 Annual Meeting of the Midwest Political Science Association.
- 2010 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.
- 2009 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.
- 2009 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.



- 2008 Esarey, Justin. "Competitive Budgeting and Bureaucratic Control: A Theory and Experimental Test." Presented at the 2008 Annual Meeting of the American Political Science Association.
- 2008 Esarey, Justin. "An Experiment in Strategic Budgeting." Poster presented at the 2008 Annual Meeting of the Society for Political Methodology.
- 2007 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.
- 2007 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.
- 2007 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.
- 2007 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.
- 2007 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.
- 2006 Esarey, Justin. "Continuous Choice Quantal Response Estimation of a Principal-Agent Model." Presented at the 2006 Annual Meeting of the American Political Science Association.
- 2006 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.
- 2005 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.
- 2004 Ahn, TK, and Justin Esarey. "Evolutionary Stable Signals of Trustworthiness." Presented at the 2004 Annual Meeting of the American Political Science Association.
- 2004 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.