

Education

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| Ph.D. Political Science Michigan State University | Expected 2017 |
| M.P.P. Public Policy George Mason University | 2007-2010 |
| B.A. Political Science and Economics University of Alabama | 2003-2007 |

Presentations

Juenke, E. and Isaac, W. 2014. "Between the Experiment and the Election: The Moderating Effects of Party Support on Racial Bias and Vote Choice" Presented at the Western Political Science Conference, Seattle, WA.

Hula, R. Barnes, M. and Isaac, W. 2013. "Determinants Of Complex Policy: Understanding The Role Science In Public Policy" Presented at the Midwest Political Science Conference, Chicago, IL.

Koizumi, N. Patel, A. and Isaac, W. 2010. "Changes in the spatial pattern of racial and social segregation in the Gateway Region of New Jersey," North American Regional Science Council (NARSC) Annual Meeting, Denver, November 10, 2010.

Koizumi, N. Patel, A. and Isaac, W. 2011. "Measuring Local Spatial and Temporal Changes in Segregation: Case Study of the Gateway Region of New Jersey," Joint North American Meetings of the Regional Science Association International (RSAI) and Second Conference of the Regional Science Association of the Americas, Miami, November 12, 2011.

Publications

Technical Papers

Burtraw, D. Krupnick, A., Sampson, G. Isaac, W. Chu, J. and Beasley, B. 2012. The True Cost of Electric Power : An Inventory of Methodologies to Support Future Decisionmaking in Comparing the Cost and Competitiveness of Electricity Generation Technologies. RFF Report. <http://bit.ly/14jSNO3>

Cropper, M., Isaac, W. 2011. The Benefits of Achieving the Chesapeake Bay TMDLs: A Scoping Study. RFF Discussion Paper 11-31. <http://bit.ly/nj822E>

Professional Experience

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| Human Rights Data Analytics Group (HRDAG) Research Consultant | 2015 - Present |
| Practical Political Consultants (PPC) Field Experiment Consultant | 2015 - Present |
| Resources for the Future (RFF) Research Assistant | 2011 - 2012 |
| Resources for the Future (RFF) Senior Staff Assistant | 2010-2011 |

Scholarships and Grants

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| Corey Research Enhancement Award, MSU College of Social Science (\$1,000) | 2013 |
| Political Science Graduate Fellowship, MSU Department of Political Science (\$25,000) | 2012 |

Professional Development

- Michigan State Bayesian Data Analysis Workshop (2016)
- Bayesian Inference with Markov Chain Monte Carlo Simulation
 - Hierarchical Bayesian Modelling
- Michigan State D3 Data Visualization Workshop (2015)
- Developing Visualizations in Javascript
 - Visualization of "Big Data"
- Inter-University Consortium for Political and Social Research Summer Program (2014)
- Causal Inference for Social Sciences
 - Scaling and Dimensional Analysis
 - Big Data Mining
- Inter-University Consortium for Political and Social Research Summer Program (2013)
- Maximum Likelihood Estimation
 - Regression III: Advanced Topics
 - Introduction to R Data Analysis and Visualization

Technical Skills

Proficiency: R, Stata, Python, Latex, Bash, Markdown

Familiar: C++, D3/Javascript, HTML, ArcGIS