

# Brian Guay, Ph.D.

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ACADEMIC EMPLOYMENT	Massachusetts Institute of Technology, Cambridge, MA Postdoctoral Associate Department of Political Science & Sloan School of Management	July 2021 - present
EDUCATION	Duke University, Durham, NC Ph.D., Political Science, 2021 M.A., Political Science, 2017  University of Richmond, Richmond, VA B.A., Psychology (honors), Political Science, <i>cum laude</i>	August 2015 - May 2021    May, 2014
NON-ACADEMIC EMPLOYMENT	Deloitte Consulting, Washington, DC, 2014-2015 <i>Business Analyst</i> , Strategy & Operations	
PEER REVIEWED ARTICLES	Guay, B. & Johnston, C. 2021. <a href="#">“Ideological Asymmetries and the Determinants of Politically Motivated Reasoning.”</a> <i>American Journal of Political Science</i> .  Guay, B. & Lopez, J. 2021. <a href="#">“Partisan Bias in Bipartisan Places? A Field Experiment Measuring Attitudes Toward the Presidential Alert.”</a> <i>Public Opinion Quarterly</i> .  Valentino, N., Zirkhov, K., Hillygus, D.S., & Guay, B. 2021. <a href="#">“The Political Consequences of Personality Biases in Online Panel Surveys.”</a> <i>Public Opinion Quarterly</i> .  Spell, G., Guay, B., Hillygus, D.S., & Carin, L. 2021. <a href="#">“An Embedding Model for Estimating Legislative Preferences from the Frequency and Sentiment of Tweets.”</a> <i>Proceedings of the 2020 Conference on Empirical Methods in Natural Language Processing</i> .  Bail, C., Guay, B., Maloney, E., Combs, A., Hillygus, D.S., Merhout, F., Freelon, D., and Volfovsky, A. 2020. <a href="#">“Assessing the Russian Internet Research Agency’s Impact on the Political Attitudes and Behaviors of American Twitter Users in Late 2017.”</a> <i>Proceedings of the National Academy of Sciences</i> , 117(1), 243-250.  Landy, D., Guay, B. & Marghetis, T. 2018. <a href="#">“Bias and Ignorance in Demographic Perception.”</a> <i>Psychonomic Bulletin &amp; Review</i> , 25(5), 1606-1618.  Marghetis, T., Guay, B., Karlapudy, A., Landy, D. 2018. <a href="#">“The Psychophysics of Society: Uncertain Estimates of Invisible Entities.”</a> <i>Proceedings of the 40th Annual Meeting of the Cognitive Science Society</i> , 166-177.  Guay, B., Chandler, C., Erkulwater, J., and Landy, D. 2016. <a href="#">“Testing the Effectiveness of a Number-based Classroom Exercise.”</a> <i>PS: Political Science &amp; Politics</i> , 49(2), 327-332.	
OTHER PUBLICATIONS	Hillygus, D.S. & Guay, B. <a href="#">“Online Public Opinion Polling.”</a> 2018. <i>Oxford Bibliographies in Political Science</i> .	

	Hillygus, D.S. & Guay, B. 2016. <a href="#">“The Virtues and Limitations of Election Polling in the United States.”</a> <i>Seminar</i> , 684, 51-55.
WORKING PAPERS	<p>Guay, B., Marghetis, T., Wong, C. &amp; Landy, D. <a href="#">“Bayesian Origins of Demographic Misperceptions.”</a></p> <p>Guay, B. “The Prevalence and Consequences of Certainty in Political Misperceptions.”</p> <p>Guay, B. “Numeracy and the Effect of Quantitative Information on Public Opinion”</p> <p>Bail, C., Combs, A., Guay, B. Hillygus, D.S., Merhout, F., Tierney, G., Volfovsky, A. “Reducing Partisan Animosity Through Anonymous Online Deliberation: A National Field Experiment.”</p> <p>Chen, H. &amp; Guay, B. “Angry Birds: Measuring Affective Polarization On Twitter Using Survey-Matched Tweets.”</p> <p>Guay, B, Hillygus, D.S., Valentino, N., &amp; Zhirkov, K. “Opportunities and Challenges of Conducting Large-Scale Political Surveys Online.”</p>
GRANTS AND AWARDS	<p><b>External</b></p> <p>Honorable Mention, Graduate Research Fellowship. <i>National Science Foundation</i>, 2017</p> <p>Time-Sharing Experiments for the Social Sciences. <i>National Science Foundation</i>, 2014</p> <p><b>Internal</b></p> <p>Kevin Morrison Predoctoral Fellowship. <i>Dept. of Political Science</i>, 2020-2021</p> <p>Summer Research Fellowship (\$5,500). <i>Duke Graduate School</i>, 2019 &amp; 2020</p> <p>Dissertation Support Award (\$5,500). <i>Dept. Political Science</i>, 2018</p> <p>Research Grant (\$5,000). <i>Program for the of Study of Democracy, Institutions and Pol. Economy</i></p> <p>Research Grant (\$3,000). <i>Kenan Institute for Ethnics, Worldview Lab</i>, 2018-2020</p> <p>Research Grant (\$5,000). <i>Duke University, Dept. of Political Science</i>, 2017</p>
CONFERENCE PRESENTATIONS	<p>American Political Science Association (2019, 2020)</p> <p>International Methods Colloquium (2020)</p> <p>Midwest Political Science Association (2019)</p> <p>Society for Political Methodology (2019)</p> <p>American Public Opinion Association (2013, 2018)</p> <p>Southern Political Science Association (2017, 2018)</p> <p>Southern Association for Public Opinion Research (2016, 2018)</p>
TEACHING EXPERIENCE	<p>Teaching Politics Certificate, Department of Political Science, Duke University (May 2020)</p> <p><i>Lab Instructor, Teaching Assistant.</i> Survey Methodology Graduate Seminar (Spring 2019)</p> <p><i>Section Instructor, Teaching Assistant.</i> Political Psychology (Fall 2018)</p> <p><i>Teaching Assistant.</i> Reason and Passion in Politics (Spring 2018)</p> <p><i>Teaching Assistant.</i> Political Communication in a Changing Media Environment (Fall 2017)</p>
SERVICE	<p>Behavior &amp; Identities Subfield Representative, Duke University, 2019-2020</p> <p>Race &amp; Ethnicity Politics Graduate Student Advisory Committee, Duke University, 2017</p> <p>Political Behavior Workshop Coordinator, Duke University, 2016-2017</p> <p>Graduate Student Council, Duke University, 2015-2016</p>
ADDITIONAL TRAINING	<p>Machine Learning Summer School, <i>Duke University</i>, June 2019</p> <p>Workshop on Research Design for Causal Inference, <i>Northwestern University</i>, June 2017</p>

## REFERENCES

Sunshine Hillygus. Professor of Political Science, Duke University (Committee Chair)  
Christopher Johnston. Associate Professor of Political Science, Duke University  
Christopher Bail. Professor of Sociology, Duke University  
John Aldrich. Professor of Political Science, Duke University