

# Brian Guay, Ph.D.

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ACADEMIC EMPLOYMENT	Massachusetts Institute of Technology, Cambridge, MA Postdoctoral Research 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>

REVIEWER	<i>American Political Science Review, American Journal of Political Science, Political Behavior, Political Psychology</i>
REFERENCES	<p>Sunshine Hillygus. Professor of Political Science, Duke University (Committee Chair)</p> <p>Christopher Johnston. Associate Professor of Political Science, Duke University</p> <p>Christopher Bail. Professor of Sociology, Duke University</p> <p>John Aldrich. Professor of Political Science, Duke University</p>