

# Brian Matthew Guay, Ph.D.

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ACADEMIC EMPLOYMENT	Massachusetts Institute of Technology, Cambridge, MA Postdoctoral Research Associate Sloan School of Management & Department of Political Science	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. 2022. <a href="#">“Ideological Asymmetries and the Determinants of Politically Motivated Reasoning.”</a> <i>American Journal of Political Science</i> , 66(2), 285-301.  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> , 85(1), 161-171 • Coverage in <a href="#">the Washington Post</a>  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> , 84(2), 446-468.  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> (627-641).  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. • Coverage in <a href="#">Forbes</a> , <a href="#">Inverse</a> , and <a href="#">Yahoo News</a>  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. • Coverage by <a href="#">YouGov</a>  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. [“Online Public Opinion Polling.”](#) 2018. *Oxford Bibliographies in Political Science*.

Hillygus, D.S. & Guay, B. 2016. [“The Virtues and Limitations of Election Polling in the United States.”](#) *Seminar*, 684, 51-55.

UNDER  
REVIEW

Guay, B., Marghetis, T., Wong, C. & Landy, D. [“Rethinking Perceived Threat & Contact: Misperceptions About the Size of Groups in Society”](#)

Guay, B., Berinsky, A., Pennycook, G. & Rand, D. [“Examining Partisan Asymmetries in Fake News Sharing and the Efficacy of Accuracy Prompt Interventions.](#)

- Coverage on [the Washington Post](#)

Guay, B., Berinsky, A., Pennycook, G., & Rand., D. [“How To Think About the Effectiveness of Misinformation Interventions”](#)

Combs, A., Tierney, G., Guay, B., Merhout, F., Bail, C., Hillygus, D.S., Volfovsky, A. [“Reducing Partisan Animosity Through Anonymous Online Deliberation: A National Field Experiment.”](#)

WORKING  
PAPERS

Guay, B. [“Misinformed or Uninformed? The Prevalence and Consequences of Certainty in Political Misperceptions.”](#)

Guay, B., Berinsky, A., & Rand, D. “I’m Sure I’m Right But So What?: The Consequences of Excessive Confidence in Political Knowledge” (Presented at APSA 2022)

Guay, B. “Numeracy and the Effect of Quantitative Information on Public Opinion”

Chen, H. & Guay, B. “Angry Birds: Measuring Affective Polarization On Twitter Using Survey-Matched Tweets.”

Guay, B., Hillygus, D.S., Valentino, N., & Zhirkov, K. “Opportunities and Challenges of Conducting Large-Scale Political Surveys Online.”

GRANTS AND  
AWARDS

**External**

Honorable Mention, Graduate Research Fellowship. *National Science Foundation*, 2017  
Time-Sharing Experiments for the Social Sciences. *National Science Foundation*, 2014

**Duke University**

Kevin Morrison Predoctoral Fellowship. *Dept. of Political Science*, 2020-2021  
Research Opportunities for Surveys & Experiments. *Social Science Research Inst.*, 2016, 2018, 2020  
Summer Research Fellowship (\$5,500). *Duke Graduate School*, 2019 & 2020  
Dissertation Support Award (\$5,500). *Dept. Political Science*, 2018  
Research Grant (\$5,000). *Program for the of Study of Democracy, Institutions and Pol. Economy*  
Research Grant (\$3,000). *Kenan Institute for Ethnics, Worldview Lab*, 2018-2020  
Research Grant (\$5,000). *Duke University, Dept. of Political Science*, 2017

CONFERENCE  
PRESENTATIONS

Joint Statistical Meetings (2021)  
American Political Science Association (2019, 2020, 2021)  
International Methods Colloquium (2020)  
Midwest Political Science Association (2019)  
Society for Political Methodology (2019)  
American Public Opinion Association (2013, 2018)

Southern Political Science Association (2017, 2018)  
Southern Association for Public Opinion Research (2016, 2018)

TEACHING  
EXPERIENCE

Teaching Politics Certificate, Department of Political Science, Duke University (May 2020)  
*Lab Instructor, Teaching Assistant.* Survey Methodology Graduate Seminar (Spring 2019)  
*Section Instructor, Teaching Assistant.* Political Psychology (Fall 2018)  
*Teaching Assistant.* Reason and Passion in Politics (Spring 2018)  
*Teaching Assistant.* Political Communication in a Changing Media Environment (Fall 2017)

SERVICE

Behavior & Identities Subfield Representative, Duke University, 2019-2020  
Race & Ethnicity Politics Graduate Student Advisory Committee, Duke University, 2017  
Political Behavior Workshop Coordinator, Duke University, 2016-2017  
Graduate Student Council, Duke University, 2015-2016

ADDITIONAL  
TRAINING

Machine Learning Summer School, *Duke University*, June 2019  
Workshop on Research Design for Causal Inference, *Northwestern University*, June 2017

REVIEWER

American Political Science Review; American Journal of Political Science; Political Behavior; Political Psychology; Journal of Experimental Political Science; Journal of Elections, Public Opinion and Parties

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  
Adam Berinsky. Professor of Political Science, MIT  
David Rand. Professor of Management Science, MIT