Brian Matthew Guay, Ph.D.

CONTACT INFORMATION	30 Wadsworth St. Cambridge, MA 02142	**E-mail:** brianmguay@gmail.com **Website:** brianguay.com

ACADEMIC EMPLOYMENT

Massachusetts Institute of Technology, Cambridge, MA   July 2021 - present

  Postdoctoral Research Associate
    Sloan School of Management & Department of Political Science

EDUCATION

Duke University, Durham, NC   August 2015 - May 2021

  Ph.D., Political Science, 2021
  M.A., Political Science, 2017

University of Richmond, Richmond, VA   May 2014

  B.A., Psychology (honors), Political Science, *cum laude*

NON-ACADEMIC EMPLOYMENT

Deloitte Consulting, Washington, DC, 2014-2015
Business Analyst, Strategy & Operations

PEER REVIEWED PUBLICATIONS

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" Conditionally accepted at *Nature Human Behavior*.

Guay, B., Berinsky, A., Pennycook, G., & Rand, D. "How To Think About Whether Misinformation Interventions Work" Conditionally accepted at *Nature Human Behavior*.

Guay, B. & Johnston, C. 2022. "Ideological Asymmetries and the Determinants of Politically Motivated Reasoning." *American Journal of Political Science*, *66*(2), 285-301.

Guay, B. & Lopez, J. 2021. "Partisan Bias in Bipartisan Places? A Field Experiment Measuring Attitudes Toward the Presidential Alert." *Public Opinion Quarterly*, *85*(1), 161-171
  - Coverage in the Washington Post

Valentino, N., Zirkhov, K., Hillygus, D.S., & Guay, B. 2021. "The Political Consequences of Personality Biases in Online Panel Surveys." *Public Opinion Quarterly*, *84*(2), 446-468.

Spell, G., Guay, B., Hillygus, D.S., & Carin, L. 2021. "An Embedding Model for Estimating Legislative Preferences from the Frequency and Sentiment of Tweets." *Proceedings of the 2020 Conference on Empirical Methods in Natural Language Processing* (627-641).

Bail, C., Guay, B., Maloney, E., Combs, A., Hillygus, D.S., Merhout, F., Freelon, D., and Volfovsky, A. 2020. "Assessing the Russian Internet Research Agency's Impact on the Political Attitudes and Behaviors of American Twitter Users in Late 2017" *Proceedings of the National Academy of Sciences*, *117*(1), 243-250.
  - Coverage in Forbes, Inverse, and Yahoo News

Landy, D., Guay, B. & Marghetis, T. 2018. "Bias and Ignorance in Demographic Perception." *Psychonomic Bulletin & Review*, *25*(5), 1606-1618.
  - Coverage by YouGov

Marghetis, T., Guay, B., Karlapudy, A., & Landy, D. 2018. "The Psychophysics of Society: Uncertain Estimates of Invisible Entities." *Proceedings of the 40th Annual Meeting of the Cognitive Science Society*, 166-177.

Guay, B., Chandler, C., Erkulwater, J., and Landy, D. 2016. "Testing the Effectiveness of a Number-based Classroom Exercise." *PS: Political Science & Politics*, *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 in the Washington Post
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., Berinsky, A., Pennycook, D., & Rand, D. "Political Polarization and Sharing Online Misinformation"
	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, 2022) 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
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