Andrew M. Guess

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ACADEMIC APPOINTMENTS

Class of 1934 University Preceptor, **Princeton University** (July 2020–2024)

Assistant Professor of Politics and Public Affairs, **Princeton University** (2017–present)

Visiting Scholar, Wilf Family Department of Politics, New York University (Fall 2019)

Visiting Fellow, Digital Society Initiative, University of Zürich (Spring 2020)

Faculty Affiliate, Center for the Study of Democratic Politics, **Princeton University** (2017–present)

Affiliated Faculty, Center for Information Technology Policy, **Princeton University** (2022–present)

Faculty Affiliate, Center for Social Media and Politics, **New York University** (2020–present)

Postdoctoral Fellow, Social Media and Political Participation Lab, **New York University** (2015–2017)

EDUCATION

Ph.D., Political Science, **Columbia University** (2016)

M.Phil., Political Science, **Columbia University** (2012)

M.A., Political Science, **Columbia University** (2010)

B.A., Information Science, **Cornell University** (2006)
College Scholar; Cum Laude

JOURNAL PUBLICATIONS

31. **Guess, A.**, Neil Malhotra, Jennifer Pan, Pablo Barberá, Hunt Allcott, Taylor Brown, Adriana Crespo-Tenorio, Drew Dimmery, Deen Freelon, Matthew Gentzkow, Sandra González-Bailón, Edward Kennedy, Young Mie Kim, David Lazer, Devra Moehler, Brendan Nyhan, Carlos Velasco Rivera, Jaime Settle, Daniel Robert Thomas, Emily Thorson, Rebekah Tromble, Arjun Wilkins, Magdalena Wojcieszak, Beixian Xiong, Chad Kiewiet de Jonge, Annie Franco, Winter Mason, Natalie Jomini Stroud, and Joshua A. Tucker. "How do social media feed algorithms affect attitudes and behavior in an election campaign?", *Science* 2023.

30. **Guess, A.**, Neil Malhotra, Jennifer Pan, Pablo Barberá, Hunt Allcott, Taylor Brown, Adriana Crespo-Tenorio, Drew Dimmery, Deen Freelon, Matthew Gentzkow, Sandra González-Bailón, Edward Kennedy, Young Mie Kim, David Lazer, Devra Moehler, Brendan Nyhan, Carlos Velasco Rivera, Jaime Settle, Daniel Robert Thomas, Emily Thorson, Rebekah Tromble, Arjun Wilkins, Magdalena Wojcieszak, Beixian Xiong, Chad Kiewiet de Jonge, Annie Franco, Winter Mason, Natalie Jomini Stroud, and Joshua A. Tucker. "Reshares on social media amplify political news but do not detectably affect beliefs or opinions," *Science* 2023.

29. Munzert, S., Ruiz, S. R., Barberá, P., **Guess, A.**, and Yang, J. "Who's cheating on your survey? A detection approach with digital trace data," *Political Science Research & Methods* 2022.

28. DeVerna, M., **Guess, A.**, Berinsky, A., Tucker, J., and Jost, J. "Rumors in Retweet: Ideological Asymmetry in the Failure to Correct Misinformation," *Personality and Social Psychology Bulletin* 2022.

27. Aslett, K., **Guess, A.**, Nagler, J., Tucker, J., and Bonneau, R. "News credibility labels have limited but uneven effects on news diet quality and fail to reduce misperceptions," *Science Advances* 2022.

26. **Guess, A.** and Munger, K. "Digital Literacy and Online Political Behavior," *Political Science Research & Methods* 2022.

25. Clemm, B. and **Guess, A.** "When Do Sources Persuade? The Effect of Source Credibility on Opinion Change," *Journal of Experimental Political Science* 2022.

24. Carey, J., **Guess, A.**, Phillips, J., Loewen, P., Merkley, E., Nyhan, B., and Reifler, J. "The ephemeral effects of fact-checks on COVID-19 misperceptions: Evidence from the United States, Great Britain, and Canada," *Nature Human Behaviour* 2022.

23. Tokita, C., **Guess, A.**, and Tarnita, C. "Polarized information ecosystems can reorganize social networks via information cascades," *Proceedings of the National Academy of Sciences* 2021.

22. Praet, S., **Guess, A.**, Bonneau, R., Nagler, J., and Tucker, J. "What's Not to Like? Facebook Page Likes Reveal Limited Polarization in Lifestyle Preferences," *Political Communication* 2021.

21. Kim, J. W., **Guess, A.**, Nyhan, B., and Reifler, J. "The Distorting Prism of Social Media: How Online Comments Amplify Toxicity," *Journal of Communication* 2021.

20. Lyons, B., Montgomery, J. M., **Guess, A.**, Nyhan, B., and Reifler, J. "Overconfidence in news judgments," *Proceedings of the National Academy of Sciences* 2021.

19. **Guess, A.**, Aslett, K., Bonneau, R., Nagler, J., and Tucker, J. "Cracking Open the News Feed: Exploring What U.S. Facebook Users See and Share with Large-Scale Platform Data," *Journal of Quantitative Description: Digital Media* 2021.

18. Berlinski, N., Doyle, M., **Guess, A.**, Levy, G., Lyons, B., Montgomery, J. M., Nyhan, B., and Reifler, J. "The Effects of Unsubstantiated Claims of Voter Fraud on Confidence in Elections," *Journal of Experimental Political Science* 2021.

17. **Guess, A.**, Barberá, P., Munzert, S., and Yang, J. "The consequences of online partisan media," *Proceedings of the National Academy of Sciences* 2021.

16. **Guess, A. M.** "(Almost) Everything in Moderation: New Evidence on Americans' Online Media Diets," *American Journal of Political Science* 2021.

15. Munzert, S., Barberá, P., **Guess, A.**, and Yang, J. "Do Online Voter Guides Empower Citizens? Evidence from a Field Experiment with Digital Trace Data," *Public Opinion Quarterly* 2021.

14. **Guess, A.**, O'Keeffe, Z., Nyhan, B., and Reifler, J. "The sources and correlates of exposure to vaccine-related (mis)information online," *Vaccine* 2020.

13. **Guess, A.**, Lerner, M., Lyons, B., Montgomery, J., Nyhan, B., Reifler, J., and Sircar, N. "A digital media literacy intervention increases discernment between mainstream and false news in the United States and India," *Proceedings of the National Academy of Sciences* 2020.

12. **Guess, A.**, Nyhan, B., and Reifler, J. "Exposure to untrustworthy websites in the 2016 U.S. election," *Nature Human Behaviour* 2020, 4: 472–480.

11. **Guess, A.**, Lockett, D., Lyons, B., Montgomery, J., Nyhan, B., and Reifler, J. "'Fake news' may have limited effects beyond increasing beliefs in false claims," *Misinformation Review* 2020.

10. Eady, G., **Guess, A.**, Nagler, J., Zilinsky, J., and Tucker, J. "How Many People Live in Political Bubbles on Social Media? Evidence from Linked Survey and Twitter Data," *SAGE Open* 2019.

9. **Guess, A.**, Nagler, J., and Tucker, J. "Less than you think: Prevalence and predictors of fake news dissemination on Facebook," *Science Advances* 2019, 5(1): `eaau4586`.

8. Simonovits, G., **Guess, A.**, and Nagler, J. "Responsiveness without Representation: Evidence from minimum wage laws in U.S. states," *American Journal of Political Science* 2019, 63(2): 401–410.

7. **Guess, A.**, Munger, K., Nagler, J., and Tucker, J. "How Accurate Are Survey Responses on Social Media and Politics?," *Political Communication* 2019, 36(2): 241–258.

6. Fang, A., **Guess, A.**, and Humphreys, M. "Can the Government Deter Discrimination? Evidence from a Randomized Intervention in New York City," *Journal of Politics* 2019, 81(1): 127–141.

5. **Guess, A.** and Coppock, A. "Does Counter-Attitudinal Information Cause Backlash? Results from Three Large Survey Experiments," *British Journal of Political Science* 2018.

4. Coppock, A., **Guess, A.**, and Ternovski, J. "When Treatments Are Tweets: A Network Mobilization Experiment Over Twitter," *Political Behavior* 2016, 38(1): 105–128.

3. **Guess, A. M.** "Measure for Measure: An Experimental Test of Online Political Media Exposure," *Political Analysis* 2015, 23(1): 59–75.

LARGE COLLABORATIONS

2. Nyhan, Brendan, Jaime Settle, Emily Thorson, Magdalena Wojcieszak, Pablo Barberá, Annie Y. Chen, Hunt Allcott, Taylor Brown, Adriana Crespo-Tenorio, Drew Dimmery, Deen Freelon, Matthew Gentzkow, Sandra González-Bailón, **Guess, A.**, Edward Kennedy, Young Mie Kim, David Lazer, Neil Malhotra, Devra Moehler, Jennifer Pan, Carlos Velasco Rivera, Daniel Robert Thomas, Rebekah Tromble, Arjun Wilkins, Beixian Xiong, Chad Kiewiet de Jonge, Annie Franco, Winter Mason, Natalie Jomini Stroud, and Joshua A. Tucker. "Like-minded sources on Facebook are prevalent but not polarizing," *Nature* 2023.

1. Sandra González-Bailón, David Lazer, Pablo Barberá, Meiqing Zhang, Hunt Allcott, Taylor Brown, Adriana Crespo-Tenorio, Deen Freelon, Matthew Gentzkow, **Guess, A.**, Shanto Iyengar, Young Mie Kim, Neil Malhotra, Devra Moehler, Brendan Nyhan, Jennifer Pan, Carlos Velasco Rivera, Jaime Settle, Daniel Robert Thomas, Emily Thorson, Rebekah Tromble, Arjun Wilkins, Magdalena Wojcieszak, Beixian Xiong, Chad Kiewiet de Jonge, Annie Franco, Winter Mason, Natalie Jomini Stroud, and Joshua A. Tucker. "Asymmetric ideological segregation in exposure to political news on Facebook," *Science* 2023.

ARTICLES UNDER REVIEW

"Algorithmic recommendations ...: A naturalistic experiment on YouTube" (with Naijia Liu, Matthew A. Baum, Adam J. Berinsky, Allison Chaney, Justin de Benedictis-Kessner, Dean Knox, Christopher Lucas, Rachel Mariman, and Brandon M. Stewart)

"Analysis of Web Browsing Data: A Guide" (with Bernhard Clemm von Hohenberg, Sebastian Stier, Ana S. Cardenal, Ericka Menchen-Trevino, and Magdalena Wojcieszak)

BOOK CHAPTERS

2. **Guess, A. M.** 2021. "Experiments Using Social Media Data." In *Advances in Experimental Political Science*, ed. Druckman, J. N. and Green, D. P. Cambridge: Cambridge University Press.

1. **Guess, A.** and Lyons, B. A. 2020. "Misinformation, Disinformation, and Online Propaganda." In *Social Media and Democracy: The State of the Field, Prospects for Reform*, ed. Persily, N. and Tucker, J. Cambridge: Cambridge University Press.

OTHER PUBLICATIONS

"Quantitative Description of Digital Media: A Modest Proposal to Disrupt Academic Publishing," *Journal of Quantitative Description: Digital Media* 2021 (with Kevin Munger and Eszter Hargittai)

Stigler Center Committee on Digital Platforms, Politics Subcommittee Report (many co-authors)

"National News, Local Lens? Findings from the 2019 Poynter Media Trust Survey," Poynter Institute 2019 (with Brendan Nyhan and Jason Reifler)

"Fake news, Facebook ads, and misperceptions: Assessing information quality in the 2018 U.S. midterm election campaign," Democracy Fund 2019 (with Brendan Nyhan, Benjamin Lyons, Jacob Montgomery, and Jason Reifler)

"All Media Trust Is Local? Findings from the 2018 Poynter Media Trust Survey," Poynter Institute 2018 (with Brendan Nyhan and Jason Reifler)

"Social Media, Political Polarization, and Political Disinformation: A Review of the Scientific Literature," Hewlett Foundation 2018 (with Joshua Tucker, Pablo Barberá, Brendan Nyhan, Cristian Vaccari, Alexandra Siegel, Sergey Sanovich, and Denis Stukal)

"Avoiding the Echo Chamber About Echo Chambers: Why Selective Exposure To Like-Minded Political News Is Less Prevalent Than You Think," Knight Foundation 2018 (with Benjamin Lyons, Brendan Nyhan, and Jason Reifler)

"'You're Fake News!' The 2017 Poynter Media Trust Survey," Poynter Institute 2017 (with Brendan Nyhan and Jason Reifler)

"By the Numbers: Toward More Precise Numerical Summaries of Results," *The Political Methodologist* 2017 (with Gaurav Sood)

"Measuring Online Media Exposure? Use Open-Ended Prompts," *The Political Communication Report* 2012

CURRENT RESEARCH

"Unbundling Digital Media Literacy Tips: An Experimental Study" (with Shannon McGregor, Gordon Pennycook, and David Rand)

"Does Listening to Trustworthy News Affect Political Attitudes and Trust?" (with Simon Munzert, Pablo Barberá, and JungHwan Yang)

"Does Social Influence Shape Online Political Expression?" (with Will Schulz, Emma Remy, Sono Shah, Aaron Smith, Simon Munzert, Pablo Barberá, and JungHwan Yang)

GRANTS AND AWARDS

National Science Foundation RAPID Award (with Brian Fogarty, John M. Carey, Brendan Nyhan, and Jason Reifler): "COVID-19 and Perceptions of Electoral Integrity," **$180,448**

National Science Foundation RAPID Award (with John M. Carey, Brendan Nyhan, and Jason Reifler): "COVID-19 Information Exposure and Messaging Effects," **$199,027**

Social Science Research Council Social Media and Democracy Research Grant, **$50,000**

Princeton University New Ideas in the Social Sciences (with Dean Knox), **$50,000**

Facebook Integrity Foundational Research Award, **$50,000**

Princeton University Project X Fund (with Jonathan Mayer and Ben Kaiser), **$109,125**

Princeton University Center for Human Values Faculty Research Grant (with Kevin Elliott), **$44,125**

Princeton University Committee on Research in the Humanities and Social Sciences, **$6,000**

Volkswagen Foundation (with Pablo Barberá, Simon Munzert, and JungHwan Yang), 2017–2020: "Paying Attention to Attention: Media Exposure and Opinion Formation in an Age of Information Overload," **€736,600**

American Press Institute (with Brendan Nyhan and Jason Reifler), 2016: "Measuring online fact-checking consumption during the 2016 election," **$14,000**

Time-sharing Experiments for the Social Sciences (TESS) Special Competition for Young Investigators (with Alexander Coppock), 2016: "Gun Control, Attitude Change, and Bayesian Updating"

Russell Sage Foundation Presidential Authority Award (with Macartan Humphreys and Albert Fang), 2012–2014: "Assessing Strategies to Combat Housing Discrimination in New York City: A Field Experiment," **$35,000**

Fulbright Scholarship, 2009 (Romania)

HONORS

Honorable Mention, APSA Political Communication Section Walter Lippmann Best Published Article Award for "A digital media literacy intervention increases discernment between mainstream and false news in the United States and India" (with Lerner, M., Lyons, B., Montgomery, J., Nyhan, B., Reifler, J., and Sircar, N.), 2021

Honorable Mention, APSA Information Technology and Politics Section Best Conference Paper Award for "Selective Exposure to Misinformation: Evidence from the consumption of fake news during the 2016 U.S. presidential campaign" (with Brendan Nyhan and Jason Reifler), 2018

American Association for Public Opinion Research (AAPOR) Seymour Sudman Student Paper Award, 2013

RECENT CONFERENCE AND WORKSHOP PRESENTATIONS

"Digital Media and (Un)trustworthy News." Latsis Symposium, ETH Zürich, September 8, 2023.

"Unbundling Digital Media Literacy Tips." APSA 2023, Los Angeles.

"Does Listening to Trustworthy News Affect Political Attitudes and Behavior?" APSA 2023, Los Angeles.

"How do social media feed algorithms affect attitudes and behavior in an election campaign?" PaCSS 2023, Los Angeles.

"Does Listening to Trustworthy News Affect Political Attitudes and Behavior?" EPSA 2023, Glasgow.

"Does Listening to Trustworthy News Affect Political Attitudes and Behavior?" MIT American Politics Conference, May 19, 2023.

"Does Listening to Trustworthy News Affect Political Attitudes and Behavior?" MPSA 2023, Chicago.

"Archiving Combined Web Tracking and Survey Data." *Measuring Communication Concepts: Conceptualization & Data Collection* Workshop, Haifa, March 5, 2023.

"Does Social Influence Shape Online Political Expression? A Longitudinal Field Experiment." APSA 2022, Montréal.

"On-Platform Experimental Research on Facebook and Instagram in the 2020 Election." ICA 2022, Paris.

"The consequences of online partisan media." CSDP Symposium on Social Media and Opinion Formation, May 17, 2022.

"Does Social Influence Shape Online Political Expression? Evidence from a Longitudinal Field Experiment." Comparative Politics Annual Conference at Washington University in St. Louis, April 29, 2022.

"Studying the Impact of Social Media Algorithms." Center for Social Media and Politics Annual Conference, New York, April 22, 2022.

"Unbundling Digital Media Literacy Tips: An Experimental Study." MPSA 2022, Chicago.

"On-Platform Experimental Research on Facebook and Instagram in the 2020 Election." APSA 2021, Seattle.

"What are the effects of news credibility labels on news diet quality and misperceptions?" APSA 2021, Seattle.

"When Do Sources Persuade? The Effect of Source Credibility on Opinion Change." EPSA 2021 (remote).

"How Social Influence Shapes Online Political Expression." PaCSS 2021 (remote).

"COVID-19 Information Exposure and Messaging Effects." Society for Personality and Social Psychology 2021 (remote).

"Does Exposure to Online Partisan Media Affect Political Attitudes and Behavior?" University of Michigan Symposium on Media and Politics, February 21, 2020.

"Can media literacy reduce belief in false news? Evidence from the United States and India." APSA 2019, Washington.

"Can media literacy reduce belief in false news? Evidence from the United States and India." PaCSS 2019, Washington.

"Does Exposure to Online Partisan Media Affect Political Attitudes and Behavior?" ISPP 2019, Lisbon.

"Does Exposure to Online Partisan Media Affect Political Attitudes and Behavior?" EPSA 2019, Belfast.

"Web Tracking Data in Experimental Designs." Digital Tracking Workshop, May 29, 2019, George Washington University.

"Does Exposure to Online Partisan Media Affect Political Attitudes and Behavior?" MPSA 2019, Chicago.

"Does Exposure to Online Partisan Media Affect Political Attitudes and Behavior?" 4th Economics of Media Bias Workshop, WZB Berlin Social Science Center, February 21, 2019.

"Who Wants to Read a Fact Check? Selective Exposure to Corrective Information During the 2016 U.S. Election Campaign." Toronto Political Behaviour Workshop, September 21, 2018.

"Who Wants to Read a Fact Check? How preferences can moderate the impact of corrections." APSA 2018, Boston.

"How Accurate Are Survey Responses on Social Media and Politics?" National Election Studies and Big Data Workshop, University of Manchester, May 14, 2018.

"Who Wants to Read a Fact Check? Selective exposure to corrective information during the 2016 U.S. election campaign." MPSA 2018, Chicago.

"Inside the Fake News Bubble? Consumption of online fake news in the 2016 U.S. election." APSA 2017, San Francisco.

"Rumors in Retweet: Social Media and Political Misinformation." International Society of Political Psychology,

July 2, 2017, Edinburgh.

INVITED PRESENTATIONS

"Do Online Video Recommendation Algorithms Increase Polarization?" Stanford GSB, April 4, 2023.

"Experimental Research on Facebook and Instagram." Harvard Kennedy School, March 31, 2023.

"The Impact of Online Political Media." ICPSR Blalock Lecture, August 9, 2022.

"How Social Influence Shapes Online Political Expression." Korea University (remote), December 3, 2021.

"How Social Influence Shapes Online Political Expression." ETH Zürich IPL/Public Policy Group, August 26, 2021.

"How Social Influence Shapes Online Political Expression." Georgetown University (remote), March 26, 2021.

"How Social Influence Shapes Online Political Expression." Central European University (remote), March 24, 2021.

"(Mis)representing Ideology on Twitter: How Social Influence Shapes Online Political Expression." University of Michigan DS/CSS (remote), February 11, 2021.

"(Mis)representing Ideology on Twitter: How Social Influence Shapes Online Political Expression." London School of Economics (remote), January 21, 2021.

"(Mis)representing Ideology on Twitter: How Social Influence Shapes Online Political Expression." Collegio Carlo Alberto (remote), December 3, 2020.

"(Mis)representing Ideology on Twitter: How Social Influence Shapes Online Political Expression." University of Zurich (remote), November 16, 2020.

"Digital Literacy and Online Political Behavior." European University Institute (remote), May 12, 2020.

"Does Exposure to Online Partisan Media Affect Political Attitudes and Behavior?" Stanford University, February 19, 2020.

"Can media literacy reduce belief in false news? Evidence from the United States and India." Harvard Kennedy School, February 12, 2020.

"Can media literacy reduce belief in false news? Evidence from the United States and India." George Washington University, November 26, 2019.

"Does Exposure to Online Partisan Media Affect Political Attitudes and Behavior?" Rutgers University, March 8, 2019.

"How Can We Counteract Online Misinformation?" University of Zurich, November 22, 2018.

"How Can We Counteract Online Misinformation?" Microsoft Research, November 15, 2018.

"Fake News 101." Columbia University, Brown Institute for Media Innovation, July 30, 2018.

Keynote: "When Data Meets Disinformation." Leiden University, July 4, 2018.

"Who Wants to Read a Fact Check? Selective exposure to corrective information during the 2016 U.S. election campaign." Cornell University PSAC, April 27, 2018.

"Inside the Fake News Bubble: Consumption of online fake news in the 2016 U.S. election." GESIS–Leibniz Institute for the Social Sciences, February 22, 2018.

"Inside the Fake News Bubble? Consumption of online fake news in the 2016 U.S. election." Columbia University American Politics Workshop, November 28, 2017.

AFFILIATIONS AND PROFESSIONAL SERVICE

Co-founder and co-editor, *Journal of Quantitative Description: Digital Media*

Award committee member, Walter Lippmann Best Published Article Award, APSA Political Communication Section (2020)

Referee, *American Economic Journal: Applied Economics*, *American Journal of Political Science*, *American Politics Research*, *American Political Science Review*, *American Sociological Review*, *British Journal of Political Science*, *Cambridge Elements*, *Communication Research*, *Communications Psychology*, *Economics and Politics*, *Human Communication Research*, *Information, Communication & Society*, *International Journal of Communication*, *International Journal of Press/Politics*, *International Journal of Public Opinion Research*, *Journal of Communication*, *Journal of Computer-Mediated Communication*, *Journal of Elections, Public Opinion and Parties*, *Journal of Experimental Political Science*, *Journal of Experimental Psychology: General*, *Journal of Politics*, *Journal of Public Economics*, *Journalism & Mass Communication Quarterly*, *Media and Communication*, *Misinformation Review*, *Nature*, *Nature Communications*, *Nature Human Behaviour*, *New Media and Society*, *Perspectives on Politics*, *PLOS ONE*, *PNAS Nexus*, *Political Analysis*, *Political Behavior*, *Political Communication*, *Political Psychology*, *Political Science Quarterly*, *Political Science Research and Methods*, *Proceedings of the National Academy of Sciences*, *Public Opinion Quarterly*, *Research and Politics*, *Review of Economics and Statistics*, *Royal Society Open Science*, *SAGE Open*, *Science*, *Science Advances*, *Social Science Computer Review*

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