MATTHEW GENTZKOW

Stanford University • Department of Economics
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ACADEMIC APPOINTMENTS

Stanford University
Landau Professor of Technology and the Economy 2020-present
Professor of Economics, 2015-2020

University of Chicago Booth School of Business
Richard O. Ryan Professor of Economics & Neubauer Faculty Fellow, 2013-2015
Professor of Economics & Neubauer Family Faculty Fellow, 2009-2013
Associate Professor of Economics, 2008-2009
Assistant Professor of Economics, 2004-2008
John Huizinga Faculty Fellow, 2007-2008

Harvard University
Visiting Scholar, Department of Economics, Fall 2008

Northwestern University
Visiting Scholar, Center for the Study of Industrial Organization, Spring 2008

EDUCATION

Harvard University
Ph.D. in Economics, June 2004
A.M. in Economics, June 2002
A.B. in Economics, June 1997

AFFILIATIONS / EDITORIAL

National Bureau of Economic Research
Research Associate, Industrial Organization and Political Economy, 2010-present
Faculty Research Fellow, Industrial Organization, 2006-2010
Industrial Organization Steering Committee, 2015-present

Stanford Institute for Economic Policy Research (SIEPR)
Senior Fellow, 2015-present

Stanford Center on Longevity
Faculty Affiliate, 2019-present

Quarterly Journal of Economics
Associate Editor, 2017-present

CESifo Research Network (Digitization)
Fellow, 2017-present

Toulouse Network for Information Technology
Associate, 2013-2020

American Economic Journal: Applied Economics
Co-Editor, 2013-2016
Member, Board of Editors, 2010-2013

RAND Journal of Economics
Associate Editor, 2012-2017

Journal of Economic Literature
Member, Board of Editors, 2011-2013

Initiative on Global Markets
Member, Board of Directors, 2009-2014

PUBLISHED AND FORTHCOMING JOURNAL ARTICLES

"Digital Addiction" (with Hunt Allcott and Lena Song). *American Economic Review.* Forthcoming.

"Cross-Country Trends in Affective Polarization" (with Levi Boxell and Jesse M. Shapiro). *Review of Economics and Statistics.* Forthcoming.

"Affective Polarization did not Increase during the Coronavirus Pandemic" (with Levi Boxell, Jacob Conway, and James N. Druckman). *Quarterly Journal of Political Science.* Forthcoming.

"Selection with Variation in Diagnostic Skill: Evidence from Radiologists" (with David C. Chan and Chuan Yu). *Quarterly Journal of Economics.* May 2022.

"Estimating Experienced Racial Segregation in US Cities using Large-Scale GPS Data" (with Susan Athey, Billy Ferguson, and Tobias Schmidt). *Proceedings of the National Academy of Sciences*. November 2021.

"Place-Based Drivers of Mortality: Evidence from Migration" (with Amy Finkelstein and Heidi Williams). *American Economic Review*. August 2021.

"Polarization and Public Health: Partisan Differences in Social Distancing during the Coronavirus Pandemic" (with Hunt Allcott, Levi Boxell, Jacob Conway, Michael Thaler, and David Yang). *Journal of Public Economics.* November 2020.

"On the Informativeness of Descriptive Statistics for Structural Estimates" (with Isaiah Andrews and Jesse M. Shapiro). *Econometrica*. November 2020.

"Transparency in Structural Research" (with Isaiah Andrews and Jesse M. Shapiro). *Journal of Business and Economic Statistics*. August 2020.

"The Welfare Effects of Social Media" (with Hunt Allcott, Luca Braghieri, and Sarah Eichmeyer). *American Economic Review*. March 2020.

"Uniform Pricing in US Retail Chains" (with Stefano DellaVigna). *Quarterly Journal of Economics*. November 2019.

"Measuring Group Differences in High-Dimensional Choices: Method and Application to Congressional Speech" (with Jesse M. Shapiro and Matt Taddy). *Econometrica*. July 2019.

"Trends in the Diffusion of Misinformation on Social Media" (with Hunt Allcott and Chuan Yu). *Research and Politics*. 6(2). April 2019.

"Measuring the Sensitivity of Parameter Estimates to Sample Statistics" (with Isaiah Andrews and Jesse M. Shapiro). *Quarterly Journal of Economics*. 132(4). November 2017.

"Greater Internet Use is Not Associated with Faster Growth in Political Polarization among US Demographic Groups" (with Levi Boxell and Jesse M. Shapiro). *Proceedings of the National Academy of Sciences*. 114(40). October 2017.

"Bayesian Persuasion with Multiple Senders and Rich Signal Spaces" (with Emir Kamenica). *Games and Economic Behavior*. 104. July 2017.

"Social Media and Fake News in the 2016 Election" (with Hunt Allcott). *Journal of Economic Perspectives*. 31 (2). Spring 2017.

"Adjusting Risk Adjustment" (with Amy Finkelstein, Peter Hull and Heidi Williams). *New England Journal of Medicine*. 376 (7). February 2017.

"Competition in Persuasion" (with Emir Kamenica). *Review of Economic Studies*. 84 (1). January 2017.

"Sources of Geographic Variation in Health Care: Evidence from Patient Migration" (with Amy Finkelstein and Heidi Williams). *Quarterly Journal of Economics*. 131 (4). November 2016.

"Disclosure of Endogenous Information" (with Emir Kamenica). *Economic Theory Bulletin*. May 2016.

"Do Pharmacists Buy Bayer: Sophisticated Shoppers and the Brand Premium" (with Bart Bronnenberg, J.P. Dubé and Jesse M. Shapiro). *Quarterly Journal of Economics*. 130 (4). November 2015.

"Do Newspapers Serve the State? Incumbent Party Influence on the US Press, 1869-1928" (with Nathan Petek, Jesse M. Shapiro, and Michael Sinkinson). *Journal of the European Economic Association*. February 2015.

"Competition and Ideological Diversity: Historical Evidence from US Newspapers" (with Jesse M. Shapiro and Michael Sinkinson). *American Economic Review.* 104(10). October 2014.

"The Evolution of Brand Preferences: Evidence from Consumer Migration" (with Bart Bronnenberg and Jean-Pierre Dubé). *American Economic Review.* 102(6). October 2012.

"The Effect of Newspaper Entry and Exit on Electoral Politics" (with Jesse M. Shapiro and Michael Sinkinson). *American Economic Review*. 101(7). December 2011.

"Ideological Segregation Online and Offline" (with Jesse M. Shapiro). *Quarterly Journal of Economics.* 126(4). November 2011.

"Bayesian Persuasion" (with Emir Kamenica). *American Economic Review*. 101(6). October 2011.

"What Drives Media Slant? Evidence from U.S. Newspapers" (with Jesse M. Shapiro). *Econometrica*. 78(1). January 2010.

"Competition and Truth in the Market for News" (with Jesse M. Shapiro). *Journal of Economic Perspectives*. 22(2). Spring 2008.

"Preschool Television Viewing and Adolescent Test Scores: Historical Evidence from the Coleman Study" (with Jesse M. Shapiro). *Quarterly Journal of Economics*. CXXIII (1). February 2008.

"Valuing New Goods in a Model with Complementarity: Online Newspapers." *American Economic Review*. 97(3). June 2007.

"Television and Voter Turnout." *Quarterly Journal of Economics*. CXXI (3). August 2006.

"Media Bias and Reputation" (with Jesse M. Shapiro). *Journal of Political Economy.* 114(2). April 2006.

"Media, Education, and Anti-Americanism in the Muslim World" (with Jesse M. Shapiro). *Journal of Economic Perspectives.* 18(3). Summer 2004.

OTHER WORKS

"The Pandemic Actually Helped Bring Americans Together – Briefly" (with Levi Boxell, Jacob Conway, and James N. Druckman). *Washington Post*. August 2021.

"What Explains Temporal and Geographic Variation in the Early US Coronavirus Pandemic?" (with Hunt Allcott, Levi Boxell, Jacob Conway, Billy Ferguson, and Benny Goldman). Working paper. August 2021

"Text as Data" (with Bryan T. Kelly and Matt Taddy). *Journal of Economic Literature*. 57(3). September 2019.

"Analyzing Polarization in Social Media: Method and Application to Tweets on 21 Mass Shootings" (with Dorottya Demszky, Nikhil Garg, Rob Voigt, James Zou, Jesse M. Shapiro, and Dan Jurafsky). *17th Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL)*. June 2019.

"Media and Artificial Intelligence." *Toulouse Network for Information Technology* whitepaper. 2018.

"A Note on Internet Use and the 2016 Election Outcome" (with Levi Boxell and Jesse M. Shapiro). *PLOS One*. 13(7). July 2018.

"Is Media Driving Americans Apart?" (with Levi Boxell and Jesse M. Shapiro). *New York Times*. December 2017.

"Small Media, Big Impact: Randomizing News Stories Reveals Broad Public Impacts." *Science*. 358 (6364). November 2017.

"Disclosure of Endogenous Information" (with Emir Kamenica). *Economic Theory Bulletin*. May 2016.

"A Rothschild-Stiglitz Approach to Bayesian Persuasion" (with Emir Kamenica). *American Economic Review P&P.* 106 (5). May 2016.

"Polarization in 2016." *Toulouse Network for Information Technology* whitepaper. 2016.

"Media Bias in the Marketplace: Theory" (with Jesse M. Shapiro and Daniel Stone). *Handbook of Media Economics*. Vol. 2. Anderson, Waldfogel and Stromberg, eds. 2016

"Ideology and Online News" (with Jesse M. Shapiro). In *Economic Analysis of the Digital Economy*. Goldfarb, Greenstein and Tucker, eds. 2015.

"Trading Dollars for Dollars." *American Economic Review P&P.* 104(5). May, 2014.

"Costly Persuasion" (with Emir Kamenica). *American Economic Review P&P.* 104(5). May, 2014.

"Persuasion: Empirical Evidence" (with Stefano DellaVigna). In Kenneth J. Arrow and Timothy F. Bresnahan, eds. *Annual Review of Economics.* Volume 2. 2010.

"Market Forces and News Media in Muslim Countries" (with Jesse M. Shapiro). In Roumeen Islam, ed. *Information and Public Choice: From Media Markets to Policy Making*. Washington DC: The World Bank, 2008.

"The Rise of the Fourth Estate: How Newspapers Became Informative and Why it Mattered" (with Edward L. Glaeser and Claudia Goldin). In Edward L. Glaeser and Claudia Goldin Eds. *Corruption and Reform: Lessons from America's History.* National Bureau of Economic Research: 2006.

WORKING PAPERS

"Included and Excluded Instruments in Structural Estimation" (with Isaiah Andrews, Nano Barahona, Ashesh Rambachan, and Jesse M. Shapiro).

"Advertising Prices in Equilibrium: Theory and Evidence" (with Jesse M. Shapiro, Frank Yang, and Ali Yurukoglu).

"Ideological Bias and Trust in Information Sources" (with Michael B. Wong and Allen T. Zhang). Revise and resubmit, *American Economic Journal: Microeconomics.*

"What Drives Prescription Opioid Abuse? Evidence from Migration" (with Amy Finkelstein and Heidi Williams).

HONORS

Member, National Academy of Sciences
John Von Neumann Award
Center for Economic Studies (CES) Distinguished Fellow
Fellow, Society for the Advancement of Economic Theory
Calvó-Armengol International Prize
Fellow, American Academy of Arts & Sciences
Fellow, Econometric Society
John Bates Clark Medal
Alfred P. Sloan Research Fellowship
Excellence in Refereeing Award (*AER*, *QJE*)
Robert H. Durr Award
Chicago Booth Faculty Excellence Award (teaching)
Centel Foundation / Robert P. Reuss Scholar
First Prize, TPRC Graduate Student Paper Competition
SSRC Applied Economics Fellowship
Graduate Merit Fellowship
Sumner Slichter Fellowship
Harris Prize & Hoopes Prize (undergraduate thesis)

TEACHING

PhD: Industrial Organization (Stanford), Political Economy (Stanford), Economics of Communication (Stanford & Chicago Booth)
Undergraduate: Media Markets and Social Good (Stanford)
MBA: Competitive Strategy (Chicago Booth)

CONFERENCES ORGANIZED

Stanford Media Research Forum (2016, 2018, 2019)
BFI Media and Communications Conference (2014-2018)
NBER Winter IO Meeting (Winter 2009, Winter 2017)

AEA Meetings Program Committee (2014)
Econometric Society Program Committee (2013)
PECA Political Economy Conference (2011-2013)
Text as Data Seminar Series (2011)
NBER Political Economy Meeting (Fall 2010)

INVITED LECTURES (SELECTED)

Von Neumann Award Lecture (2022)
Munich Lectures (2021)
Economic Journal Lecture, Royal Economic Society (2021)
Fisher-Schultz Lecture, Econometric Society (2018)
Levine Lecture, UC Davis (2017)
Calvó-Armengol Prize Lecture (2016)
Econometric Society World Congress (2015)
EARIE Conference Keynote (2014)
Harris Lecture, Harvard Department Seminar (2014)
MIT Department Seminar (2014)
Econometric Society Summer Meeting (2014)
NBER Methods Lectures (2013)

GRANTS

2020-present	US Department of Defense MURI Grant W911NF-20-1-0252 "A Multimodal Approach to Network Information Dynamics" (with Jeff Hancock et al.)
2020-present	National Science Foundation Grant SES-1949066 "Transparency and Misspecification in Structural Estimation" (with Isaiah Andrews and Jesse M. Shapiro)
2019-present	Sloan Foundation Grant "Digital Temptation" (with Hunt Allcott)
2018-present	Sloan Foundation Grant "The Behavioral Economics of Online Media" (with Hunt Allcott)
2017-2018	Sloan Foundation Grant

"Research on Household Behavior with Administrative Data from Nielsen Surveys"
(with Jesse M. Shapiro and Andrew Sweeting)

2015-present
National Institute on Aging Grant R01 AG032449
"Determinants of Elderly Health: The Role of Place-Based Factors"
(with Amy Finkelstein)

2013-2016
National Science Foundation Grant SES-1260411
"Branding and Product Differentiation in Markets with Advertising"
(with Jesse M. Shapiro)

2009-2012
National Science Foundation Grant SES-0922342
"The Media and the State: Historical Evidence from U.S. Newspapers"
(with Jesse M. Shapiro)

2006-2009
National Science Foundation Grant SES-0617658
"Causes and Consequences of Mass Media Content"
(with Jesse M. Shapiro)