Stanford



Matthew Gentzkow

Landau Professor of Technology and the Economy and Senior Fellow at the Stanford Institute for Economic Policy Research

Economics

Curriculum Vitae available Online

Bio

BIO

Matthew Gentzkow is the Landau Professor of Technology and the Economy at Stanford University and the Faculty Director of Stanford Impact Labs. He studies the economics and social impact of media and technology industries. He is a member of the National Academy of Sciences, a fellow of the American Academy of Arts and Sciences, a fellow of the Econometric Society, a senior fellow at the Stanford Institute for Economic Policy Research, and former Editor of American Economic Review: Insights. He received the 2014 John Bates Clark Medal, given by the American Economic Association to the American economist under the age of forty who has made the most significant contribution to economic thought and knowledge. Other awards include the Calvó-Armengol International Prize, the John Von Neumann Award, the Alfred P. Sloan Research Fellowship, grants from the National Science Foundation, National Institutes for Health, and Sloan Foundation, and a Faculty Excellence Award for teaching. He studied at Harvard University where he earned a bachelor's degree in 1997, a master's degree in 2002, and a PhD in 2004.

ACADEMIC APPOINTMENTS

- Professor, Economics
- Senior Fellow, Stanford Institute for Economic Policy Research (SIEPR)
- Faculty Affiliate, Institute for Human-Centered Artificial Intelligence (HAI)

ADMINISTRATIVE APPOINTMENTS

- Faculty Director, Stanford Impact Labs, (2025- present)

LINKS

- Matthew Gentzkow: https://people.stanford.edu/gentzkow/

Teaching

COURSES

2026-27

- Industrial Organization Seminar: ECON 355 (Aut, Win, Spr)
- Media Markets and Social Good: ECON 47 (Spr)

2025-26

- Industrial Organization Seminar: ECON 355 (Aut, Win, Spr)
- Political Economy I: ECON 220 (Spr)
- Political Economy I: POLECON 652 (Spr)

- Political Economy I: POLISCI 460A (Spr)

2024-25

- Industrial Organization IIA: ECON 258 (Win)
- Industrial Organization Seminar: ECON 355 (Aut, Win, Spr)
- Media Markets and Social Good: ECON 47 (Aut)

2023-24

- Industrial Organization IIA: ECON 258 (Win)
- Industrial Organization Seminar: ECON 355 (Aut, Win, Spr)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Eva Lestant, Pete Robertson

Doctoral Dissertation Advisor (AC)

Joao Francisco Pugliese, Olivia Martin, Mary Reader, Samuel Thau

Doctoral Dissertation Co-Advisor (AC)

Miguel Borrero Ridaura, Juliette Coly

Publications

PUBLICATIONS

- **Measuring Markets for Network Goods** *REVIEW OF ECONOMIC STUDIES*
  Bursztyn, L., Gentzkow, M., Jimenez-Duran, R., Leonard, A., Milojevic, F., Roth, C.
  2026
- **What Is Newsworthy? Theory and Evidence** *AMERICAN ECONOMIC REVIEW-INSIGHTS*
  Armona, L., Gentzkow, M., Kamenica, E., Shapiro, J. M.
  2026; 8 (3): 354-373
- **Untrustworthy sources on Facebook and Instagram in 2020: Concentrated exposure but no attitudinal effects.** *Science advances*
  Bergeron-Boutin, O., Nyhan, B., Settle, J., Thorson, E., Wojcieszak, M., Brown, T., Crespo-Tenorio, A., Velasco Rivera, C., Allcott, H., Barberá, P., Dimmery, D., Freelon, D., Gentzkow, et al
  2026; 12 (31): eadz6502
- **NEW FINDINGS IN HEALTH AND HEALTH CARE ACROSS AND WITHIN COUNTRIES Reexamining Geographic Variation in Health and Health Care**
  Finkelstein, A., Gentzkow, M.
  AMER ECONOMIC ASSOC.2026: 138-143
- **How deceptive online networks reached millions in the US 2020 elections.** *Nature human behaviour*
  Appel, R. E., Kim, Y. M., Pan, J., Xu, Y., Nimmo, B., Thomas, D. R., Allcott, H., Barberá, P., Brown, T., Crespo-Tenorio, A., Dimmery, D., Freelon, D., Gentzkow, et al
  2026
- **The effects of Facebook and Instagram political advertisements on the 2020 US election** *NATURE HUMAN BEHAVIOUR*
  Gentzkow, M., Levy, R.
  2026
- **The effects of political advertising on Facebook and Instagram before the 2020 US election.** *Nature human behaviour*
  Allcott, H., Gentzkow, M., Levy, R., Crespo-Tenorio, A., Dumas, N., Mason, W., Moehler, D., Barberá, P., Brown, T., Cisneros, J. C., Dimmery, D., Freelon, D., González-Bailón, et al
  2026

- **What Drives Risky Prescription Opioid Use? Evidence From Migration*** *QUARTERLY JOURNAL OF ECONOMICS*
  Finkelstein, A., Gentzkow, M., Li, D.
  2025
- **Ideological Bias and Trust in Information Sources** *AMERICAN ECONOMIC JOURNAL-MICROECONOMICS*
  Gentzkow, M., Wong, M. B., Zhang, A. T.
  2025; 17 (2): 162-213
- **Structural Estimation Under Misspecification: Theory and Implications for Practice*** *QUARTERLY JOURNAL OF ECONOMICS*
  Andrews, I., Barahona, N., Gentzkow, M., Rambachan, A., Shapiro, J. M.
  2025
- **What explains temporal and geographic variation in the early US COVID-19 pandemic?** *REVIEW OF ECONOMIC DESIGN*
  Allcott, H., Boxell, L., Conway, J., Ferguson, B., Gentzkow, M., Goldman, B.
  2024
- **The Diffusion and Reach of (Mis)Information on Facebook During the U.S. 2020 Election** *SOCIOLOGICAL SCIENCE*
  Gonzalez-Bailon, S., Lazer, D., Barbera, P., Godel, W., Allcott, H., Brown, T., Crespo-Tenorio, A., Freelon, D., Gentzkow, M., Guess, A. M., Iyengar, S., Kim, Y., Malhotra, et al
  2024; 11: 1124-1146
- **The effects of Facebook and Instagram on the 2020 election: A deactivation experiment.** *Proceedings of the National Academy of Sciences of the United States of America*
  Allcott, H., Gentzkow, M., Mason, W., Wilkins, A., Barberá, P., Brown, T., Cisneros, J. C., Crespo-Tenorio, A., Dimmery, D., Freelon, D., González-Bailón, S., Guess, A. M., Kim, et al
  2024; 121 (21): e2321584121
- **Cross-Country Trends in Affective Polarization** *REVIEW OF ECONOMICS AND STATISTICS*
  Boxell, L., Gentzkow, M., Shapiro, J. M.
  2024; 106 (2): 557-565
- **Pricing Power in Advertising Markets: Theory and Evidence** *AMERICAN ECONOMIC REVIEW*
  Gentzkow, M., Shapiro, J., Yang, F., Yurukoglu, A.
  2024; 114 (2): 500-533
- **Author Correction: Like-minded sources on Facebook are prevalent but not polarizing.** *Nature*
  Nyhan, B., Settle, J., Thorson, E., Wojcieszak, M., Barberá, P., Chen, A. Y., Allcott, H., Brown, T., Crespo-Tenorio, A., Dimmery, D., Freelon, D., Gentzkow, M., González-Bailón, et al
  2023
- **Reshares on social media amplify political news but do not detectably affect beliefs or opinions.** *Science (New York, N.Y.)*
  Guess, A. M., Malhotra, N., Pan, J., Barberá, P., Allcott, H., Brown, T., Crespo-Tenorio, A., Dimmery, D., Freelon, D., Gentzkow, M., González-Bailón, S., Kennedy, E., Kim, et al
  2023; 381 (6656): 404-408
- **Asymmetric ideological segregation in exposure to political news on Facebook.** *Science (New York, N.Y.)*
  González-Bailón, S., Lazer, D., Barberá, P., Zhang, M., Allcott, H., Brown, T., Crespo-Tenorio, A., Freelon, D., Gentzkow, M., Guess, A. M., Iyengar, S., Kim, Y. M., Malhotra, et al
  2023; 381 (6656): 392-398
- **How do social media feed algorithms affect attitudes and behavior in an election campaign?** *Science (New York, N.Y.)*
  Guess, A. M., Malhotra, N., Pan, J., Barberá, P., Allcott, H., Brown, T., Crespo-Tenorio, A., Dimmery, D., Freelon, D., Gentzkow, M., González-Bailón, S., Kennedy, E., Kim, et al
  2023; 381 (6656): 398-404
- **Like-minded sources on Facebook are prevalent but not polarizing.** *Nature*
  Nyhan, B., Settle, J., Thorson, E., Wojcieszak, M., Barberá, P., Chen, A. Y., Allcott, H., Brown, T., Crespo-Tenorio, A., Dimmery, D., Freelon, D., Gentzkow, M., González-Bailón, et al
  2023
- **Digital Addiction** *AMERICAN ECONOMIC REVIEW*

Allcott, H., Gentzkow, M., Song, L.
2022; 112 (7): 2424-2463

- **Selection with Variation in Diagnostic Skill: Evidence from Radiologists.** *The quarterly journal of economics*
  Chan, D. C., Gentzkow, M., Yu, C.
  2022; 137 (2): 729-783
- **Selection with Variation in Diagnostic Skill: Evidence from Radiologists*** *QUARTERLY JOURNAL OF ECONOMICS*
  Chan, D. C., Gentzkow, M., Yu, C.
  2022
- **Affective Polarization Did Not Increase During the COVID-19 Pandemic** *QUARTERLY JOURNAL OF POLITICAL SCIENCE*
  Boxell, L., Conway, J., Druckman, J. N., Gentzkow, M.
  2022; 17 (4): 491-512
- **Estimating experienced racial segregation in US cities using large-scale GPS data.** *Proceedings of the National Academy of Sciences of the United States of America*
  Athey, S., Ferguson, B., Gentzkow, M., Schmidt, T.
  2021; 118 (46)
- **Place-Based Drivers of Mortality: Evidence from Migration.** *The American economic review*
  Finkelstein, A., Gentzkow, M., Williams, H.
  2021; 111 (8): 2697-2735
- **Place-Based Drivers of Mortality: Evidence from Migration** *AMERICAN ECONOMIC REVIEW*
  Finkelstein, A., Gentzkow, M., Williams, H.
  2021; 111 (8): 2697-2735
- **Reply to: Comments on "On the Informativeness of Descriptive Statistics for Structural Estimates"** *ECONOMETRICA*
  Andrews, I., Gentzkow, M., Shapiro, J. M.
  2020; 88 (6): 2277–79
- **On the Informativeness of Descriptive Statistics for Structural Estimates** *ECONOMETRICA*
  Andrews, I., Gentzkow, M., Shapiro, J. M.
  2020; 88 (6): 2231–58
- **Rejoinder** *JOURNAL OF BUSINESS & ECONOMIC STATISTICS*
  Andrews, I., Gentzkow, M., Shapiro, J. M.
  2020; 38 (4): 731
- **Transparency in Structural Research** *JOURNAL OF BUSINESS & ECONOMIC STATISTICS*
  Andrews, I., Gentzkow, M., Shapiro, J. M.
  2020
- **The Welfare Effects of Social Media** *AMERICAN ECONOMIC REVIEW*
  Allcott, H., Braghieri, L., Eichmeyer, S., Gentzkow, M.
  2020; 110 (3): 629–76
- **Polarization and Public Health: Partisan Differences in Social Distancing during the Coronavirus Pandemic.** *Journal of public economics*
  Allcott, H. n., Boxell, L. n., Conway, J. n., Gentzkow, M. n., Thaler, M. n., Yang, D. n.
  2020: 104254
- **UNIFORM PRICING IN US RETAIL CHAINS** *QUARTERLY JOURNAL OF ECONOMICS*
  DellaVigna, S., Gentzkow, M.
  2019; 134 (4): 2011–84
- **Text as Data** *JOURNAL OF ECONOMIC LITERATURE*
  Gentzkow, M., Kelly, B., Taddy, M.
  2019; 57 (3): 535–74

- **Measuring Group Differences in High-Dimensional Choices: Method and Application to Congressional Speech** *ECONOMETRICA*
  Gentzkow, M., Shapiro, J. M., Taddy, M.
  2019; 87 (4): 1307–40
- **Trends in the diffusion of misinformation on social media** *RESEARCH & POLITICS*
  Allcott, H., Gentzkow, M., Yu, C.
  2019; 6 (2)
- **A note on internet use and the 2016 U.S. presidential election outcome.** *PloS one*
  Boxell, L., Gentzkow, M., Shapiro, J. M.
  2018; 13 (7): e0199571
- **Small media, big impact** *SCIENCE*
  Gentzkow, M.
  2017; 358 (6364): 726–27
- **MEASURING THE SENSITIVITY OF PARAMETER ESTIMATES TO ESTIMATION MOMENTS** *QUARTERLY JOURNAL OF ECONOMICS*
  Andrews, I., Gentzkow, M., Shapiro, J. M.
  2017; 132 (4): 1553–92
- **Greater Internet use is not associated with faster growth in political polarization among US demographic groups** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Boxell, L., Gentzkow, M., Shapiro, J. M.
  2017; 114 (40): 10612–17
- **Bayesian persuasion with multiple senders and rich signal spaces** *GAMES AND ECONOMIC BEHAVIOR*
  Gentzkow, M., Kamenica, E.
  2017; 104: 411–29
- **Adjusting Risk Adjustment - Accounting for Variation in Diagnostic Intensity.** *New England journal of medicine*
  Finkelstein, A., Gentzkow, M., Hull, P., Williams, H.
  2017; 376 (7): 608-610
- **Competition in Persuasion** *REVIEW OF ECONOMIC STUDIES*
  Gentzkow, M., Kamenica, E.
  2017; 84 (1): 300-322
- **Sources of Geographic Variation in Health Care: Evidence From Patient Migration** *QUARTERLY JOURNAL OF ECONOMICS*
  Finkelstein, A., Gentzkow, M., Williams, H.
  2016; 131 (4): 1681-1726
- **A Rothschild-Stiglitz Approach to Bayesian Persuasion** *AMERICAN ECONOMIC REVIEW*
  Gentzkow, M., Kamenica, E.
  2016; 106 (5): 597-601
- **DO PHARMACISTS BUY BAYER? INFORMED SHOPPERS AND THE BRAND PREMIUM** *QUARTERLY JOURNAL OF ECONOMICS*
  Bronnenberg, B. J., Dube, J., Gentzkow, M., Shapiro, J. M.
  2015; 130 (4): 1669-1726