

CURRICULUM VITAE

Kaiping Chen, Ph.D.

Assistant Professor
Department of Life Sciences Communication
College of Agriculture and Life Sciences
University of Wisconsin-Madison
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Other UW-Madison Affiliations:
Department of Political Science
Data Science Institute
Nelson Institute for Environmental Studies
Holtz Center for Science and Technology Studies
Wisconsin Energy Institute
Institute for Diversity Science
Center for East Asian Studies
African Studies Program

ACADEMIC POSITIONS

Assistant Professor in Computational Communication, University of Wisconsin-Madison Aug 2019-
Department of Life Sciences Communication

FORMAL EDUCATION

Stanford University, Department of Communication, Stanford, CA
Ph.D. in Communication June 2019
Dissertation Committee: James Fishkin, Jennifer Pan, Shanto Iyengar, Ashish Goel
Lynda Lee Kaid Outstanding Dissertation Award (NCA, Political Communication Division, 2019)
Certificate in Computational Social Science June 2018

Columbia University, School of International and Public Affairs, New York, NY
Master of Public Administration (MPA) May 2014

Fudan University, Shanghai, China
Bachelor of Law in Political Science and Public Administration (graduated with honor) June 2012
Bachelor of Arts in Economics (second major)

Yale University, New Haven, CT Summer 2011
Summer School Program with Full Scholarship.

RESEARCH INTERESTS

Substantive

New Media and ICT, Public Deliberation, Misinformation, Science Communication, Global Communication, Comparative Media Studies, Information Politics, Digital Inequalities, Internet Studies, Sino-US Relationship

Methodological

Automated Text Analysis, Computer Vision, Multimodality Analysis, Machine Learning, Data Mining, Causal Inference, Mixed Methods

PEER-REVIEWED RESEARCH PUBLICATIONS

*indicates student co-author at the time of submission

Science Communication and Public Deliberation

1. Kim, S*, Villanueva, I*, & **Chen, K.** (2023). Beyond affective polarization: How emotional and identity cues are used in anti-vaccination conspiracies on TikTok. *Political Communication*. Online First in Aug 2023. [co-first author]
2. **Chen, K.**, Cate, A*, & Cheren, H*. (2023). Communicating agriculture AI technology: Lessons from empirical examination into American farmers' trust, risk perception, and the likelihood of adopting artificial intelligence in food systems. *Environmental Communication*. Online First in June 2023.
3. Chinn, S., Hiaeshutter-Rice, D., & **Chen, K.** (2023). How digital science influencers polarize supportive and skeptical communities around politicized science: A cross-platform and over-time comparison. *Political Communication*. Online First in April 2023.
4. Chen, A*, **Chen, K.**, Zhang, J., Meng, J., & Shen, C. (2023). When national identity meets conspiracies: The contagion of identity language on public participation and discourse of COVID-19 conspiracies on Weibo. *Journal of Computer-Mediated Communication*, 28(1), 1-12. [co-first author]
5. Chen, A*, Lu, Y*, **Chen, K.**, & Ng, A*. (2023). Pandemic nationalism: How exposure to government social media affects people's belief in COVID-19 conspiracy theories in China. *The International Journal of Press/Politics*. Online First in February 2023.
6. Kim, S*, & **Chen, K.**, (2022). How conspiracy and debunking videos use emotions to engage publics on YouTube. *New Media & Society*. Online First in July 2022. [co-first author]
7. **Chen, K.**, Molder, A*, Duan, Z*, Boulianne, S., Eckart, C*, Mallari, P*, & Yang, D. (2022). How climate movement actors and news media frame climate change and strike: Evidence from analyzing Twitter and news media discourse from 2018-2021. *The International Journal of Press/Politics*. Online First in June 2022.
8. **Chen, K.**, & Jin, Y*. (2022). How issue entrepreneurs shape public discourse of controversial science: Examining GMO discussion on a popular Chinese Q&A. *Journal of Science Communication*, 21(6), A01.
9. **Chen, K.**, Jin, Y*, & Shao, A*. (2022). Science Factionalism: How group identity language affects public engagement with misinformation on a popular Q&A platform in China. *Social Media + Society*, 8(1), 1-15.

10. **Chen, K.** & Shaw, B. (2022). Public communication of soil conservation practices: A large-scale content analysis of Wisconsin's agricultural trade publications. *Journal of Soil and Water Conservation*. Online First in February 2022.
11. Wirz, C.D*., Cate, A*., Brauer, M., Brossard, D., Brown, L.D., **Chen, K.**, Ho, P*., Luter, D.G., Madden, H., Schoenborn, S., Shaw, B., Sprinkel, C., Stanley, D., & Sumi, G. (2022). Science Communication during COVID-19: When theory meets best practices and best practices meet reality. *Journal of Science Communication*, 21(3), N01.
12. **Chen, K.**, June., J*., & Zhou, Y* (2021). A critical appraisal of diversity in digital knowledge production: Segregated inclusion on YouTube. *New Media & Society*. Online First in August 2021.
13. **Chen, K.**, & Tomblin, D. (2021). Using data from Reddit, Public Deliberation, and Surveys to measure public opinion about autonomous vehicles. *Public Opinion Quarterly*, 85(S1), 289-322.
14. Freiling, I*., Krause, N.M*., Scheufele, D.A., & **Chen, K.** (2021). The science of open communication science: Toward an evidence-driven understanding of quality criteria in communication research. *Journal of Communication* ,71(5), 855-874.
15. **Chen, K.** (2021). How deliberative designs empower citizens' voices: A case study on Ghana's Deliberative Poll on agriculture and environment. *Public Understanding of Science*, 30(2), 179-195.
16. Molder, A*., Lakind, A*., Clemmons, Z*., & **Chen, K.** (2021). Framing the global youth climate movement: A qualitative content analysis of Greta Thunberg's moral, hopeful, and motivational framing on Instagram. *The International Journal of Press/Politics*. Online First in November 2021.
17. Wirz, C.D*., Shao, A*., Bao, L*., Monroe, H*., Howell, E*., & **Chen, K.** (2021). Media systems and attention cycles: Trends and topics in news coverage of COVID-19 in the U.S. and China. *Journalism & Mass Communication Quarterly*. Online First in November 2021.
18. **Chen, K.** & Burgess, M.M. (2021). Narratives in public deliberation: Empowering gene-editing debate with storytelling. *The Hastings Center Report*, 51(S2), 85-91.
19. **Chen, K.**, Chen, A*., Zhang, J., Meng, J., & Shen, C. (2020). Conspiracy narratives and debunking about COVID-19 origination on Chinese social media: How it started and who is to blame. *Harvard Kennedy School Misinformation Review*.
20. **Chen, K.**, Bao, L*., Shao, A*., Ho, P*., Yang, S*., Wirz, C.D*., Brossard, D., Brauer, M., Brown, L.D. (2020). How public perceptions of social distancing evolved over a critical time period: Communication lessons learnt from the American State of Wisconsin. *Journal of Science Communication*, 19(5).
21. Lin, M., & **Chen, K.** (2020). Participation effectiveness of citizen participatory budgeting: The case of Yanjin county in China. *Chinese Public Administration Review*, 11(1), 6-24.
22. Boulianne, S., **Chen, K.**, & Kahane, D. (2020). Mobilizing mini-publics: The causal impact of deliberation on civic engagement using panel data. *Politics*, 40(4), 460-476.

Digital Media and Computational Communication

23. **Chen, K.**, Lu, Y* & Wang, Y* (2023). Toward an evidence-driven understanding of digital trace data and quality assessment criteria in Chinese Communication Research. *Chinese Journal of Communication*. [**co-first author**]. Online First in October 2023.

24. Cui, T., Li, S., & **Chen, K.**, Bailey, J., & Liu, F. (2023). Designing fair AI systems: Exploring the interaction of explainable AI and Task objectivity on users' fairness perception. *Proceedings of the Pacific Asia conference on Information Systems (PACIS)*.
25. **Chen, K.**, Kim, S*, Gao, Q* & Raschka, S. (2022). Visual framing of science conspiracy videos: Integrating machine learning with communication theories to study the use of color and brightness. *Computational Communication Research*, 4(1), 98-134.
26. **Chen, K.**, Duan, Z*, & Yang, S. (2022). Twitter as research data: Tools, costs, skillsets and lessons learnt. *Politics and the Life Sciences*, 41(1), 114-130.
27. Ho, P*, **Chen, K.**, Shao, A*, Bao, L*, Ai, A*, Tarfa, A*, Brossard, D., Brown, L.D., & Brauer, K. (2021). A mixed methods study of public perception about social distancing: Integrating qualitative and computational analyses for text data. *Journal of Mixed Methods Research*, 15(3), 374-397 [**co-first author**]
28. Hou, X*, Gao, S., Li, Q., Kang, Y*, Chen, N*, **Chen, K.**, Rao, J*, Ellenberg, J., & Patz, J. (2021). Intra-county modeling of COVID-19 infection with human mobility: Assessing spatial heterogeneity with business traffic, age and race. *Proceedings of the National Academy of Sciences (PNAS)*, 118(24).
29. Hiaeshutter-Rice, D., Chinn, S., & **Chen, K.** (2021). Platform effects on alternative influencer content: Understanding how features and affordances shape misinformation online. *Frontiers in Political Science*. Online First in May 2021.
30. Meijer, A.J., ...**Chen, K.**, ... (2020). The COVID-19-Crisis and the information polity: An overview of responses and discussions in twenty-one countries from six continents. *Information Polity*, 25(3), 243-274.
31. Meijer, A. J., Lips, M., & **Chen, K.** (2019). Open governance of cities: A new paradigm for understanding urban collaboration. *Frontiers in Sustainable Cities*, 1(3).
32. **Chen, K.**, & Aitamurto, T*. (2019). Barriers for crowd's impact in crowdsourced policymaking: Civic data overload and filter hierarchy. *International Public Management Journal*, 22(1), 99-126.
33. Pan, J., & **Chen, K.** (2018). Concealing corruption: How Chinese officials distort upward reporting of online grievances. *American Political Science Review*, 112(3), 602-620. [**co-first author**]
34. Aitamurto, T*, & **Chen, K.** (2017). The value of crowdsourcing in public policymaking: epistemic, democratic, and economic value. *The Theory and Practice of Legislation*, 5(1), 55-72.
35. O'Halloran, S., Maskey, S., McAllister, G., Park, D. K., & **Chen, K.** (2016). Data science and political economy: application to financial regulatory structure. *RSF: The Russell Sage Foundation Journal of the Social Sciences*, 2(7), 87-109.
36. Aitamurto, T*, **Chen, K.**, Cherif, A*, Galli, J. S*, & Santana, L*. (2016). Civic CrowdAnalytics: Making sense of crowdsourced civic input with big data tools. *Proceedings of the 20th International Academic Mindtrek Conference*, 86-94.
37. O'Halloran, S., Maskey, S., McAllister, G., Park, D. K., & **Chen, K.** (2015). Big data and the regulation of financial markets. *Proceedings of the 2015 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining*, 1118-1124.

Human-Computer Interaction

38. Aitamurto, T*, Boin, J. B*, **Chen, K.**, Cherif, A*, & Shridhar, S*. (2018). The impact of augmented reality on art engagement: Liking, impression of learning, and distraction. *International Conference on Virtual, Augmented and Mixed Reality*, 153-171. Springer, Cham.

MEDIA & POLICY PUBLICATIONS

1. **Chen, K.**, Chen, A*, Zhang, J., Meng, J., & Shen, C. (2020). COVID-19 misinformation on Chinese social media – lessons for countering conspiracy theories. *The Conversation*.
2. **Chen, K.** (2019). How digital contributions from citizens can help U.S. public officials govern effectively. *Scholars Strategy Network*.
3. Newman, T.P, Brossard, D., Scheufele, D.A., **Chen, K.**, Qian, Y*, Cate, A*, & Middleton, L*. (2021). Assessing the scholarship of public engagement with basic science. Report for The Kavli Foundation as part of Science Public Engagement Partnership. DOI: 10.17605/OSF.IO/K93CJ

UNDER REVIEW

*indicates student/post-doc co-author at the time of submission

1. **Chen, K.**, Molder, A*, & Villanueva, I*. (2023). Uncovering how Black and Latinx communities perceive environmental justice: Integrating a public deliberation quasi-experiment and computational methods (minor revision). *Public Relations Review*.
2. **Chen, K.**, Duan, Z*, & Kim, S*. (2023). Uncovering gender stereotypes in controversial science discourse: Evidence from computational text and visual analyses across digital platforms (minor revision). *Journal of Computer-Mediated Communication*. [co-first author]
3. Molder, A*, Villanueva, I*, & **Chen, K.** (2023). The impact of public deliberation and identity-based storytelling on civic empowerment among a marginalized population on environmental justice issues (under review).
4. **Chen, K.**, Shao, A*, Burapachep, J*, & Li, Y. (2023). A critical appraisal of equity in conversational AI: Evidence from auditing GPT-3's dialogues with different publics on climate change and Black Lives Matter (under review).
5. Mede, N*, Villanueva, I*, & **Chen, K.** (2023). Communicating Scientific Norms in the Hybrid Media Environment: A Mixed-Method Analysis of Social Media Discourse and Engagement with Retraction Watch on Twitter (under review).
6. **Chen, K.**, Newman, T., & Zhou, Y. When science meets digital branding: Examining content creators and hyperlinks in climate change YouTube videos from 2015-2019 (under review).
7. Chandrasekaran, A*, Currano, B*, Sirkin, D., Batool, V*, **Chen, K.**, Murnane, E., & Mauriello, M. (2023). Therapy for therapists: Design opportunities to support the psychological well-being of mental health workers (major revision). *Computer-Supported Cooperative Work & Social Computing (CSCW)*.

HONORS AND AWARDS

AEJMC Lillian Lodge Kopenhagen Early Career Woman-Scholar Award	2023
Burkhardt Seed Grant Professorship (PI)	2022-2025
Wisconsin Hilldale Undergraduate/Faculty Research Fellowship	2021-2022
Madison Teaching and Learning Excellence (MTLE) Fellow, UW-Madison	2019-2020
Stanford Digital Humanities Fellow	2017-2018
Stanford Graduate Fellowship (awarded to top PhD candidate during recruitment)	2014-2019
Hewlett Packard Enterprise “The Living Progress Challenge” Winner for Top Five Ideas in Public Sector	2016
Columbia University Merit-based Scholarship	2013
China National Scholarship (awarded to top 0.2% of college students in China)	2011
Yale University Summer School Program Full Scholarship	2011

GRANTS

Federal-level grants:

National Science Foundation Rapid Award #2027375 (Co-PI) <i>(Project title: Geospatial modeling of COVID-19 spread and risk communication by integrating human mobility and social media big data)</i> \$199, 888 (PI: Song Gao)	2020-2021
National Science Foundation FW-HTF-P #2128865 (PI for UW-Madison) <i>(Project title: Collaborative Research: Supporting future crisis line work through the inclusive design of worker-facing tools that empower self-management of wellbeing and performance)</i> \$35,767	2021-2022
National Science Foundation Rapid Award #2022216 (PI for UW-Madison) <i>(Project title: Media exposure, objective knowledge, risk perceptions, and risk management preferences of Americans regarding the novel coronavirus outbreak)</i> \$124,990 (PI: Branden Johnson)	2021-2022

Foundation/Philanthropy grants:

Chan Zuckerberg Initiative (PI) <i>(Project title: coupling deliberation and digital crowdsourcing to amplify and engage marginalized communities in co-creating solutions for carbon-dioxide policies and climate equity discussions)</i> \$314, 980 (with Co-PI)	2022-2023
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Industry grants:

American Family Insurance Data Science Institute (PI)	2021-2023
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(Project title: *Reducing bias in human-AI conversation*)
\$149, 969 (with Co-PI)

International organization grants:

Economic Research Institute for ASEAN and East Asia (Lead Researcher) 2021
(Project title: *Enhancing food supply chain resilience and food security in ASEAN with utilizing of digital technologies*)
\$10,000

UW-Madison grants:

Increasing Social and Economic Inclusion Grant (Co-PI) 2023-2025
(Project title: *Amplifying the voices of Black/Latinx communities in policy discussions*)
\$216,768 (PI: Corey Jackson)

Hatch Grant from USDA National Institute of Food and Agriculture (PI) 2022-2023
(Project title: *Digital inequality and public perception of agriculture technologies: How broadband access matters for Wisconsin farmers' knowledge, trust, and adoption of AI in the Agriculture sector*)
\$67, 672

Fall Research Competition (PI) 2022-2023
(Project topic: *Identity politics and civic dialogues about controversial science through large-scale content analysis and experiment*)
\$46,263

UW-Madison Holtz Center STS Studies: Undergraduate Summer Research Grant 2020

UW-Madison Holtz Center STS Studies: Travel Grant 2020-

SERVICE

International Scientific Boards (Editorial Board):

Communication Methods and Measures (5-year impact factor: 10.5)
Social Science Computer Review (5-year impact factor: 4.7)

International Associations Related Services:

International Communication Association (ICA)

Computational Methods Division:
Elected Officer as the International Liaison (2022 – 2024)
Chair of the Diversity, Equity, and Inclusion (DEI) Taskforce (2022-2024)
Panel Chair (“Video-as-Data in Computational Communication”) (2022)
Panel Chair (“Video-as-Data in Computational Communication”) (2023)
Pre-Conference Chair with Colleagues (“Computational Message Science”) (2024)

International Research Society for Public Management

Panel Chair (“Open Governance”) (2016)

American Associations and Foundations Related Services:

Association for Education in Journalism and Mass Communication (AEJMC)

Officer on Media Team of Communicating Science, Health, Environment and Risk Division (2022-2023)

Elected Secretary (2023-2024)

Mid-west Political Science Association

Panel Chair (“Advances in Political Methodology”) (2019)

American Political Science Association

Panel Chair (“Government Responsiveness in Autocracy”) (2018)

Panel Chair (“Fact Checking the Fact Checkers”) (2015)

National Communication Association

Lynda Lee Kaid Dissertation Award Committee (2020)

Reviews:

Grants Reviews:

National Science Foundation

Reviews for Research Publications:

Communication journals:

Journal of Communication, Communication Methods and Measures, New Media & Society, Social Media + Society, Journal of Science Communication, Journalism, Communication and the Public, Political Communication, The International Journal of Press/Politics, Environmental Communication, Journalism & Mass Communication Quarterly

Political science journals:

American Political Science Review, Journal of Politics, British Journal of Political Sciences, World Politics, Journal of Deliberative Democracy, Research and Politics

Economics journals:

Comparative Economics Studies

Public policy journals:

International Public Management Journal

Interdisciplinary journals:

Nature Scientific Reports, Social Science Computer Review, Harvard Kennedy School Misinformation Reviews, Journal of Quantitative Description: Digital Media, PLOS ONE

Computer science proceedings:

Empirical Methods in Natural Language Processing (EMNLP), CHI Conference on Human Factors in Computing Systems, IEEE DSSA Computational Social Science and Complex System, IEEE Transactions on Visualization and Computer Graphics

University and Departmental Related Services:

University of Wisconsin-Madison

University wide service:

Data Science Institute Symposium

Planning committee member, panel facilitator, lightening talk speaker (2022)

Departmental service:

Undergraduate Curriculum Committee (2022 – present)

Award Committee (2020 – 2022, 2023 - present)

Senator (2023 – present)

Stanford University

Departmental service:

Liaison of the Institute for Research in the Social Sciences (2015-2019)

Columbia University

Departmental service:

Peer advisor at School of International and Public Affairs (2013)

Alumni mentor at School of International and Public Affairs (2014 – present)

Fund raiser for Columbia Giving Day for the School of International and Public Affairs (2017)

INVITED TALKS

Other Institutions (36)

2024

University of Pennsylvania (Feb)

Purdue University, Center for C-SPAN Scholarship & Education (Feb)

TEMPO Madison (March)

Ohio State University, School of Communication (April)

2023

University of Washington, Center for Studies in Demography & Ecology (Dec)

Peking University HSBC Business School (Dec)

Texas A&M University, Institute of Data Science (Oct)

Rotary Club of Madison (Oct)

The Summer Institute in Computational Social Science | KAIST and Korea Development Institute (July)

University of British Columbia (May)

The Alan Turing Institute, United Kingdom's national institute for data science and artificial intelligence (March)

University of Zürich, Department of Communication and Media Studies (March)

Heinrich Heine University Düsseldorf, Heine Center for Artificial Intelligence and Data Science (March)

University of Texas at Austin, Moody College of Communication (Feb)

Place-Based Justice Network (Feb)

U.S. Environmental Protection Agency (Jan)

2022

American Family Insurance Data Science Institute (Nov)

Arizona State University (Washington, D.C. Campus), Consortium for Science, Policy & Outcomes, New Tools for Science Policy (Oct)

City University of Hong Kong, Digital Society Research Cluster (June)

The National Academies of Sciences, Engineering, and Medicine: Science Communication Colloquium (June)
The Summer Institute in Computational Social Science | North Dakota State University (June)
University of Texas at Austin, School of Journalism and Media, Computational Media and Data Science (May)
UCSF, Biochemistry 210: Science Communication (April)
Society of Toxicology Midwest Regional Chapter (April)
UCSD, 21st Century China Center (Feb)

2021

George Washington University, Department of Engineering Management and Systems Engineering (Nov)
University of Canberra, Centre for Deliberative Democracy and Global Governance (Sept)
Political Science Speaker Series for China Studies (Sept)
London School of Economics and Political Science, Department of Media and Communications (May)
UC Institute on Global Conflict and Cooperation, Symposium on the Political Economy of Misinformation (April)
North Carolina State University, Genetic Engineering and Society Center Colloquium (Feb)

2020

Princeton University, The China Workshop (Dec)
Stanford University, Ethnography Lab (Oct)
Hastings Center, Public Deliberation on Gene-Editing in the Wild (June)

2019

The Hastings Center, Public Deliberation on Gene-Editing in the Wild (June)
University of Vienna, Department of East Asian Studies (Oct)

UW-Madison (17)

History of Science, Medicine, and Technology Series (2023), Social Science & Sustainability Solutions (2023), Wisconsin Idea Conference (2023), Data Science Institute (2023), Wisconsin Energy Institute (2023), Department of Political Science (2023, 2021), Nelson Institute for Environmental Studies (2022), Data Science Research Bazaar (2022), School of Nursing (2022), CALS Global Conversations (2021), African Studies Program (2021), Holtz Center for Science and Technology Studies (2020), Communication Arts Colloquium (2023, 2020), Life Sciences Communication Colloquium (2020), Science Communication Club (2020)

REFEERED CONFERENCE PAPERS

The Political Economy Outcomes of China's IP Address De-anonymization Policy, *Annual Conference of the American Political Science Association*, LA, 2023 (*invited panelist*).

How Moral Judgements Are Used with Gendered Languages in Science Discourse, *Annual Conference of the American Political Science Association*, LA, 2023.

How Collective Narcissism Spread: Evidence from Twitter on Capital Insurrection, *Annual Conference of the American Political Science Association*, LA, 2023.

How Intergroup (De) Threats Messages Affect the Public's Ability to Identify Conspiracy Theories: Evidence from an Experiment on U.S. Populations in the Context of Sino-US Relations, *Annual Conference of the International Communication Association*, Toronto, 2023.

Temporal Collective Legitimacy of Support Seeking and Received Social Support on Social Media during a Public Health Crisis, *Annual Conference of the International Communication Association*, Toronto, 2023.

De-mystifying Peer Review Process in Scholarly Publications: How to Become Reviewer 1 and How to Face Reviewer 2, *Annual Conference of the International Communication Association*, Toronto, 2023 (*invited panelist*). Blue Sky Workshop.

VecOpt: Development of a Word Embedding-based Optimization Approach to Extracting Moral Appeals from Text, *Annual Conference of the International Communication Association*, Toronto, 2023.

Beyond Affective Polarization: How Emotional and Identity Cues are Used in Anti-Vaccination Conspiracies on TikTok, *World Association for Public Opinion Research (WAPOR) Conference*, Dubai, 2022 (*invited talk*).

How Science Influencers Polarize Supportive and Skeptical Communities around Politicized Science: A Cross-Platform and Over-Time Comparison, *Annual Conference of the American Political Science Association*, Montreal, 2022.

Using data from Reddit, Public Deliberation, and Surveys to measure public opinion about autonomous vehicles, *AAPOR*, DC, 2022 (*invited talk*).

Ubiquitous Coverage, Differentiated Effects: Intermedia Agenda Setting and its Effects in Communicating Protective Behaviors to American Adults during the COVID-19 Pandemic, *AEJMC: ComSHER*, Detroit, 2022.

The Reproductive Dynamics of Moral Appeals on Social Media: Evidence from A Large-Scale Analysis on COVID-19 Public Discourse on Twitter, *IC²S²*, Chicago, 2022.

Thanks to My Country's Love: Examining Nationalist Narratives in COVID vaccine-related Videos on Douyin Through Large-Scale Visual and Textual Analysis, *Annual Conference of the International Communication Association*, Paris, 2022.

Differentiating Discrete Moral Appeals in Predicting Online Communicative Actions: Analyzing a Two-Week Firehose Archival of COVID-19 Tweets, *Annual Conference of the International Communication Association*, Paris, 2022.

Making Science Intersectional Through Identity Performance: Linking Social Media Content, User Metrics Data and Interviews to Study Minoritized Women as STEM Content Creators on Social Media, *Annual Conference of the International Communication Association*, Paris, 2022.

Examining Multi-modal Emotional Cues to Study COVID-19 Vaccination Videos on TikTok, *Annual Conference of the International Communication Association*, Paris, 2022.

A Multi-Country Study of the Impact of COVID-19 News Coverage on Public's Risk Perceptions, *Annual Conference of the International Communication Association*, Paris, 2022.

The Global Climate Movements' Discourse on Twitter: Examining Responsibility Attribution, Mobilization Outcomes, and User Engagement, *Annual Conference of the International Communication Association*, Paris, 2022.

When National Identity Meets Conspiracies: The Reinforcement Loop of Identity Language on Public Participation and Discourse of COVID-19 Conspiracies on Weibo, *Annual Conference of the International Communication Association*, Paris, 2022.

How Youth Activists and News Media Frame Climate Change and Strike: Evidence from Analyzing Twitter and Newspaper Discourse from 2018-2021, *Annual Conference of the International Communication Association*, Paris, 2022.

Pandemic Nationalism: Use of Government Social Media for Political Information and Belief in COVID-19 Conspiracy Theories in China, *Annual Conference of the International Communication Association*, Paris, 2022.

Examining Multi-modal Emotional Cues to Study COVID-19 Vaccination Videos on TikTok, *Annual Conference of the Midwest Political Science Association*, Chicago, 2022.

A Critical Appraisal of Diversity in Digital Knowledge Production: Segregated Inclusion on YouTube, *Inclusive SciComm Symposium*, Virtual 2021.

Conspiracy vs Debunking: The Role of Emotion on Public Engagement with YouTube, *Multidisciplinary International Symposium on Disinformation in Open Online Media (MISDOOM)*, Virtual 2021.

How Group Identity Polarizes Public Deliberation on Controversial Science: Examining public discourse on GMO misinformation and counter-narratives from a popular Q&A platform in China, *Multidisciplinary International Symposium on Disinformation in Open Online Media (MISDOOM)*, Virtual 2021.

Pandemic Nationalism: How Exposure to Government Social Media Affects People's Belief in COVID-19 Conspiracy Theories in China, *Seventh International Journal of Press/Politics Conference*, Virtual 2021.

How Group Identity Polarizes Public Deliberation on Controversial Science: Examining public discourse on GMO misinformation and counter-narratives from a popular Q&A platform in China, *Fourth Annual Politics and Computational Social Science (PaCSS) Conference*, Virtual 2021.

I am Better Than You: How Nationalism Strengthens Misperceptions, *Annual Conference of the National Communication Association*, Virtual 2021.

Science of Open (Communication) Science: Toward an Evidence-Driven Understanding of Quality Criteria in Communication Research. *AEJMC: Communication Theory and Methodology Division*, Virtual 2021.

How Group Identity Polarizes Public Deliberation on Controversial Science, *AEJMC: Communicating Science, Health, Environment, and Risk Division*, Virtual 2021.

Conspiracy vs Debunking: The Role of Emotion on Public Engagement with YouTube, *AEJMC: Communicating Science, Health, Environment, and Risk Division*, Virtual 2021.

Science of Open (Communication) Science: Toward an Evidence-driven Understanding of Quality Criteria in Communication Research, *AEJMC: Communication Theory and Methodology Division*, Virtual 2021.

Public Engagement with Basic Science in STEM Journals, *Science Public Engagement Partnership (SciPEP)*, Virtual 2021.

I am Better Than You: How Nationalism Strengthens Misperceptions, *Annual Conference of the International Communication Association*, Virtual 2021.

Evaluating Biases and Sample Representativeness of Twitter Data, *Annual Conference of the International Communication Association*, Virtual 2021.

Recreate Science! How Female Science Communicators Transcend Traditional STEM Communication on Social Media, *Annual Conference of the International Communication Association*, Virtual 2021.

The Issue Evolution of Global Climate Strike Discourse on Twitter: How Legacy Media and Youth Activists Co-Create Climate Conversations with Netizens, *Annual Conference of the International Communication Association*, Preconference on Visions of Change: Communication for Social and Environmental Justice, Virtual 2021.

The Issue Evolution of Global Climate Strike Discourse on Twitter: How Legacy Media and Youth Activists Co-Create Climate Conversations with Netizens, *Communication Power of Global Citizens and Politicians*, Paris, Virtual 2021.

How Public Perceptions of Social Distancing Evolved Over a Critical Time Period: Communication Lessons Learnt from the American State of Wisconsin, *World Conference on Science Literacy*, Beijing, Virtual 2020.

Public Deliberation in an Unlikely Place: Deliberative Reasoning in Ghana's Deliberative Poll on Food and Environment, *Annual Conference of the Public Communication of Science and Technology*, Scotland, Virtual 2021 (declined).

Propaganda and Civic Engagement on Viral Science Videos from YouTube, *Annual Conference of the Public Communication of Science and Technology*, Scotland, Virtual 2021 (declined).

How Social Media Complement Surveys for Understanding Public Opinions on AI, AEJMC, Panel on *Making Sense of Technology Buzz Words: Automation, Robotics, AI*, Virtual 2020 (*invited talk*).

How Elite Discourse on GMO Influences Public Discourse: Examining Public Discussion on GMO from the Zhihu Platform in China, *Annual Conference of the International Communication Association*, Preconference on Social Media, Algorithms, News, and Public Engagements in the Asia-Pacific and Beyond, Virtual 2020.

Can the Mass Public Deliberate in Semi-Authoritarian Setting? Examining Deliberative Reasoning in Macau's Deliberative Poll, *Annual Conference of the International Communication Association*, Washington D.C. 2019.

Can the Mass Public Deliberate in Semi-Authoritarian Setting? Examining Deliberative Reasoning in Macau's Deliberative Poll, *Annual Conference of the Mid-west Political Science Association*, Chicago 2019.

Can the Mass Public Deliberate in Semi-Authoritarian Setting? Examining Deliberative Reasoning in Macau's Deliberative Poll, *APSA Preconference on Politics and Computational Social Science*, Boston 2018.

Patronage and Government Responsiveness in China, *Annual Conference of the American Political Science Association*, Boston 2018.

Mobilizing Mini Publics: The Impact of Deliberation on Civic Engagement, *Annual Conference of the American Political Science Association*, Boston 2018.

Do Elected Officials Listen to Constituents on Social Media?, *Annual Conference of the American Political Science Association*, Boston 2018.

Concealing Corruption: How Chinese Officials Distort Upward Reporting of Online Grievances, *Western Political Science Association Annual Conference*, San Francisco 2018 (*invited talk*).

Who Can Deliberate: Comparing Deliberate Polls in California and Ghana, *Annual Conference of the American Political Science Association*, San Francisco 2017.

Examining the Impact of Civic Participation on Crowdsourced Policymaking with Natural Language Processing, *Annual Conference of the International Communication Association*, San Diego 2017.

Exploring the Optimized Network Structure for Discourse Quality - Evidence from Analyzing Reddit Politics, *Annual Conference of the International Communication Association*, San Diego 2017.

Who Can Deliberate: Reasoning in Deliberate Polls in California and Ghana, *International Communication Association Political Communication PhD Student Preconference*, San Diego 2017.

Examining the Impact of Civic Participation on Crowdsourced Policymaking with Natural Language Processing, *Annual Conference of the American Society for Public Administration*, Atlanta 2017.

Analyzing the Impact of Citizen Voice in Crowdsourced Policymaking with NLP, at Natural Language Processing-Computational Social Science, *Annual Conference on Empirical Methods in Natural Language Processing*, Austin 2016.

The Power of Citizens' Voices in Democracy: examining the impact of civic input on crowdsourced policymaking, *Annual Conference of the International Research Society for Public Management*, Hong Kong, China 2016.

Examining the Triple Challenges in Crowdsourced Policymaking: Inclusion, Representation, and Synthesis, *World Congress of Political Science, IPSA and AISP*, Poland 2016.

Civic CrowdAnalytics: Making Sense of Crowdsourced Civic Input with Big Data Tools, *Academic MindTrek*, Tampere, Finland 2016 (**Best Paper Award**).

The Application of Habermas to Authoritarian Decision Making, *Social Innovation Research Conference*, Shanghai 2015.

Integrating Reasoning and Democracy: Theory of Communicative Governance and Lessons from the Yanjin Reform, *Annual Conference of the American Political Science Association*, San Francisco 2015 (**Nominated for Timothy Cook Best Graduate Student Paper Award**).

TEACHING & ADVISING

Courses taught at UW-Madison:

LSC720: Introduction to Communication Theory and Research (graduate-level course)

LSC460: Social Media Analytics (newly designed course, open to senior undergraduate and graduate students)

LSC250: Research Methods in Communication Industry (core course for the undergraduate major)

LSC660: Data Analysis in Communication Research (graduate-level course)

LSC640: Case Studies in the Communication of Science and Technology (senior undergraduate)

Graduate Advising (Current):

Amanda Molder, Life Sciences Communication, Ph.D. Committee (chair)

Anqi Shao, Life Sciences Communication, Ph.D. Committee (member)

Hannah Monroe, Life Sciences Communication, Ph.D. Committee (member)

Yiming Wang, School of Journalism and Mass Communication, Ph.D. Committee (member)

Graduate Advising (Degree awarded):

Callyn Bloch, Life Sciences Communication, M.S. (chair), 2022

Helen Tosteson, Life Sciences Communication, M.S. (chair) 2022

Shiyu Yang, Life Sciences Communication, Ph.D. Committee (member) 2023

Graduate Research Assistants (Current):

Ashley Cate, Life Sciences Communication

Undergraduate Advising (Degree awarded):

Hannah Cheren, Life Sciences Communication and Data Science, B.S. (chair), 2023

Undergraduate Research Assistants (Worked for More Than 6 Months, First Placement)

Siyu Liang (UCLA, PhD in Political Science)
Runxin Gao (University of Chicago, Master's in Data Science)
Qiantong Gao (Stanford University, Master's in Statistics)
Yanxi Zhou (Carnegie Mellon, Master of Statistical Practice)
Zhe Huang (Carnegie Mellon, Master of Science in Robotics)
Ayush Kumar (Epic)

PUBLIC POLICY PROFESSIONAL EXPERIENCE

Dane County, Office of Energy and Climate Change, Madison, WI July 2022 - present
Principle Investigator

- Design and innovate community engagement to listen to Black and Latinx communities' perspectives on environmental issues
- Build connections between city and county government and Black and Latinx NGOs
- Conduct data analysis on community input
- Build a digital crowdsourcing platform for large-scale community engagement
- Build a community knowledge app for data visualization
- Research project was covered in County of Dane Wisconsin, Office of Energy and Climate Change Blog (Nov 1, 2022)

City of Palo Alto, Online Crowdsourcing Reform, Palo Alto, CA May 2015 - June 2017
Reform Advisor

- Advised the City of Palo Alto government on a digital civic engagement reform
- Led a research team to conduct civic data analysis and presented for the City Comprehensive Plan
- Research presentation and product was covered in *Palo Alto Weekly* (July 17th, 2015)

New York City Mayor's Campaign Team, New York, NY May 2013 - Sept 2013
Field Communicator

- Canvassed and lobbied door-to-door to gather and record votes for the candidate

Manhattan Borough President's Office, New York, NY Jan 2013 - Sept 2013
Policy Analyst

- Conducted analyses on a public education project using ethnographic method and interviews
- Delivered policy recommendations to the president on enhancing holistic approach to education in NYC

Shanghai Municipal Development and Reform Commission, Shanghai May 2012 - Aug 2012
Policy Analyst, Industry Economics Office, Yangpu District, Shanghai, China

- Led a five-member team on drafting Technology and Finance policy to assist small-and-medium sized business obtaining financing
- Managed the Government Special Fund for public land use and conducted funding evaluation
- Operated a digital government special fund platform, including selecting qualified projects for expert oral defense, assisting sign the contract with those businesses and working with the Financial Bureau to offer and monitor fund use

Mayor's Office, New Haven, CT Aug 2011 - Sept 2011
Legislative Assistant and Policy Analyst

- Drafted proposals to diversify fund raise from the state government and private foundations on the "Youth@Work" Project

- Identified and contacted potential donors for funding. Successfully raised 10% more funding than originally forecasted
- Assisted the Board of Aldermen in assessing problems in Community Empowerment and Urban Zoning challenges

MEDIA REPORTS AND QUOTES

The Conversation; Wisconsin State Farmer; Nieman Lab; WisContext; EU DisinfoLab; Snopes; Fast Company; Channel News Asia; Agriculture Clips; MidWest Farm Report; The Badger Herald; WORT-FMs; County of Dane Wisconsin

SKILLS

Programming: R, Python, Latex, Linux

Language: English (Professional, Certificate of Advanced Simultaneous Interpretation), Mandarin Chinese (Native)

Music: Piano Level 10 Certificate (highest), Shanghai Musician Association