

Kaiping Chen
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ACADEMIC POSITIONS

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

Faculty Affiliate, Robert & Jean Holtz Center for Science and Technology Studies Nov 2019-
Faculty Affiliate, Center for East Asian Studies Nov 2019-
Faculty Affiliate, African Studies Program Sep 2020-

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's in 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, Misinformation, Public Deliberation, Science Communication, Global Communication, Comparative Media Studies, Information Politics, Digital Inequalities, Internet Studies

Methodological

Automated Text Analysis, Machine Learning, Data Mining, Causal Inference, Experimental Design, Mixed Methods

PUBLICATIONS

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

Science Communication and Public Deliberation

[1] **Chen, K.**, June., J*, & Zhou, Y*. (2021). A critical appraisal of diversity in digital knowledge production: Segregated inclusion on YouTube (in press). *New Media & Society*.

- [2] **Chen, K.**, & Tomblin, D. (2021). Using data from Reddit, Public Deliberation, and Surveys to measure public opinion about autonomous vehicles (in press). *Public Opinion Quarterly*.
- [3] 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 (accepted). *Journal of Communication*.
- [4] **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.
- [5] **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*.
- [6] **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).
- [7] 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.
- [8] 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**
- [9] **Chen, K.**, Duan, Z*, & Yang, S. (2021). Twitter as research data: Tools, costs, skillsets and cautions (in press). *Politics and the Life Sciences*.
- [10] 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*. Published online June 4, 2021 [co-first author]
- [11] 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).
- [12] 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*. Published online May 31, 2021.
- [13] 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.
- [14] 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).
- [15] **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.
- [16] **Chen, K.** (2019). How digital contributions from citizens can help U.S. public officials govern effectively. *Scholars Strategy Network*.

[17] Pan, J., & **Chen, K.** (2018). Concealing corruption: How Chinese officials distort upward reporting of online grievances. *American Political Science Review*, 112(3), 602-620.

[18] 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.

Data Science Methods

[19] 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.

[20] 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.

[21] 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.

Information Technology and AI

[22] 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.

SELECT WORKS IN PROGRESS

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

[1] **Chen, K.**, Kim, S*, Raschka, S & Gao, Q*. (2021). Visual framing of science conspiracy videos (revise and resubmit). *Computational Communication Research*.

[2] 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 (revised and resubmitted). *Journalism & Mass Communication Quarterly*.

[3] Molder, A*, Lakind, A*, Clemmons, Z*, & **Chen, K.** (2021). Social movements on social media: Greta Thunberg's moral, hopeful and motivational framing of the global youth climate movement on Instagram (revised and resubmitted). *The International Journal of Press/Politics*.

[4] **Chen, K.**, Jin, Y*, & Shao, A*. (2021). Science Factionalism: How group identity language affects public engagement with controversial science on a popular digital Q&A platform in China (revise and resubmit). *Social Media + Society*.

[5] **Chen, K.**, & Jin, Y*. (2021). How issue entrepreneurs shape public discourse of controversial science on social media: A case study of GMO discussion on a Chinese social media platform (under review).

[6] **Chen, K.**, Newman, T., & Zhou, Y*. (2021). Uncovering the role of digital trace data on YouTube: A case study on climate change videos from 2015-2019 (working paper).

[7] **Chen, K.**, Sheng, Z*, & Yang, S*. (2021). Making science intersectional through identity performance: Minoritized women as STEM content creators on social media (working paper).

- [8] **Chen, K.**, Shao, A^{*}, & Jin, Y^{*}. (2021). I am better than you: How nationalism strengthens science misperception (working paper).
- [9] **Chen, K.** & Shaw, B. (2021). Public communication of soil conservation practices: A large-scale content analysis of Wisconsin's agricultural trade publications (revised and resubmitted). *Journal of Soil and Water Conservation*.
- [10] **Chen, K.**, Jee, H^{*}, & Pan, J. (2021). Authoritarian responsiveness and competition over the spoils of patronage (under review).
- [11] **Chen, K.**, & Kim, S^{*}. (2021). How conspiracy and debunking videos use emotions to engage publics on YouTube (under review).
- [12] Chang, S^{*}, & **Chen, K.** (2021). Authoritarian deliberation? Examining deliberative reasoning in Macau's Deliberative Poll (revise and resubmit). *Journal of Deliberative Democracy*.
- [13] **Chen, K.**, Wirz, C.D^{*}, & Gao, S., (2021). Ideological and rural-urban divide on American's public perception of digital contact tracing and data privacy during COVID-19 pandemic (working paper).
- [14] Burgess, M., & **Chen, K.** (2021). Narratives in public deliberation: Empowering gene-editing debate with storytelling (under review).
- [15] Chen, H^{*}, Eckart, C^{*}, Mallari, P^{*}, Molder, A^{*}, **Chen, K.** & Yang, D. (2021). Modeling the discourse and issue evolution of the climate change movement on social media (under review).

GRANTS

External

- National Science Foundation Rapid Award #2027375 (Co-PI) 2020 - 2021
(Project title: *Geospatial modeling of COVID-19 spread and risk communication by integrating human mobility and social media big data*)
- National Science Foundation FW-HTF-P (approved) (Co-PI) 2021-2022
(Project title: *Supporting future crisis line work through the inclusive design of worker-facing tools that empower self-management of wellbeing and performance*)
- National Science Foundation Rapid Award #2022216 (Sub-award, PI) 2021-2022
(Project title: *Media exposure, objective knowledge, risk perceptions, and risk management preferences of Americans regarding the novel coronavirus outbreak*)
- American Family Insurance Data Science Institute (PI) 2021 – 2022
(Project title: *Reducing bias in human-AI conversation*)
- Economic Research Institute for ASEAN and East Asia (Leading Researcher) 2021
(Project title: *Enhancing food supply chain resilience and food security in ASEAN with utilizing of digital technologies*)

Internal

- Wisconsin Hilldale Undergraduate/Faculty Research Fellowship 2021 – 2022

UW-Madison Holtz Center STS Studies: Undergraduate Summer Research Grant	2020
UW-Madison Holtz Center STS Studies: Travel Grant	2020, 2021

AWARDS & HONORS

Madison Teaching and Learning Excellence (MTLE) Fellow, UW-Madison	2019 - 2020
Stanford Digital Humanities Fellow	2017- 2018
Stanford Graduate Fellowship	2014 - 2019
Hewlett Packard Enterprise “The Living Progress Challenge” Winner for Top Five Ideas in Public Sector	2016
Columbia University Merit-based Scholarship	2013
Chinese National Scholarship (awarded to top 1% of college students in China)	2011
Yale University Summer School Program Full Scholarship	2011

ACADEMIC LEADERSHIP

Co-Chaired Panel “Advances in Political Methodology”, Annual Conference of Mid-west Political Science Association, Chicago 2019

Co-Chaired Panel “Government Responsiveness in Autocracy”, *Annual Conference of American Political Science Association*, Boston 2018.

- Proposed and organized this panel with Haemin Jee and Jennifer Pan from Stanford University

Co-Chaired Panel “Open Governance”, *Annual Conference of the International Research Society for Public Management*, Hong Kong, China 2016.

- Proposed this panel with Stephen Osborne from the University of Edinburgh
- Selected and evaluated submitted papers
- Hosted the panel for an audience of around 100

Chaired Panel “Fact Checking the Fact Checkers”, *Annual Conference of the American Political Science Association*, San Francisco 2015.

- Led panel discussion for an audience of around 60

Serve on Editorial Board of the *International Public Management Journal*

Reviewer for *New Media & Society*, *Communication Methods and Measures*, *Journal of Science Communication*, *Journalism*, *Communication and the Public*, *Harvard Kennedy School Misinformation Review*, *American Political Science Review*, *Journal of Politics*, *British Journal of Political Science*, *International Public Management Journal*, *Comparative Economic Studies*, *Empirical Methods in Natural Language Processing (EMNLP)*, *Association for Computational Linguistics*, *CHI Conference on Human Factors in Computing Systems*

INVITED TALKS

2021

London School of Economics and Political Science, Department of Media and Communications (May)
UCSD, Empirical Studies of Conflict, Symposium on the Political Economy of Misinformation (April)

UW-Madison, Department of Political Science, Models and Data Workshop (March)
North Carolina State University, Genetic Engineering and Society Center Colloquium (Feb)
UW-Madison, African Studies Program (Feb)

2020

Princeton University, The China Workshop (Dec)
Stanford University, Ethnography Lab (Oct)
UW-Madison, Holtz Center for Science and Technology Studies (Oct)
UW-Madison, Communication Science Colloquium (September)
Hastings Center, Public Deliberation on Gene-Editing in the Wild (June)
UW-Madison, LSC700 Colloquium (March)

2019

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

CONFERENCE PRESENTATIONS

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.

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 presentation**).

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 & MENTORING

Courses

Introduction to Communication Theory and Research (graduate-level course), University of Wisconsin-Madison

Social Media Analytics (newly designed course), University of Wisconsin-Madison

Research Methods in Communication Industry (core course), University of Wisconsin-Madison

Current Graduate Research Assistants

Ashley Cate (Life Sciences Communication, incoming PhD student)

Anqi Shao (Life Sciences Communication, PhD student)

Current Undergraduate Research Assistants

Ayush Kumar (Computer Science) June 2020 - present

Hannah Cheren (Life Sciences Communication and Data Science) Oct 2020 - present

Siyu Liang (placement after graduation: UCLA, PhD in Political Science) Jan 2020 - present

Runxin Gao (placement after graduation: Chicago, Master's in Data Science) Oct 2019 - present

Qiantong Gao (placement after graduation: Stanford, Master's in Statistics) June 2020 - present

Past Undergraduate Research Assistants Who Worked for More Than 6 Months (Current Position)

Yanxi Zhou (Carnegie Mellon, Master of Statistical Practice)
Zhe Huang (Carnegie Mellon, Master of Science in Robotics)

SERVICES

Advisor to two master's students, and an undergraduate at LSC Sept 2020 -
Member of the Award Committee at LSC Sept 2020 -
Member of the Lynda Lee Kaid Dissertation Award Committee, National Communication Association
Summer 2020
Liaison of the Institute for Research in the Social Science, Stanford University Sept 2015 - June 2019
Fund Raiser for Columbia Giving Day for the School of International and Public Affairs. Sept - Oct 2017
Peer Advisor at School of International and Public Affairs, Columbia University Sept 2013
Alumni Mentor at School of International and Public Affairs, Columbia University June 2014 -

PROFESSIONAL EXPERIENCES

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.

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

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

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

- Conducted analysis 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 Government Special Fund for public land use and conducted fund evaluation
- Operated an online 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 funds

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 Board of Aldermen in assessing problems in Community Empowerment and Urban Zoning challenges

SKILLS/INTERESTS

Programming: R, Python, STATA, SPSS, Latex, basic Java, C++, and HTML.

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

Music: Piano Tenth Level Certificate (highest), Shanghai Music Association (27 years experiences since age 3).