Kaiping Chen

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Academic Positions

University of Wisconsin-Madison, Department of Life Sciences Communication   **Madison, WI**
Associate Professor in Computational Communication   *2025–*
Faculty Affiliations:
○ Data Science Institute
○ Robert F. and Jean E. Holtz Center for Science and Technology Studies
○ Nelson Institute for Environmental Studies
○ Department of Political Science
○ Institute for Diversity Science
○ Wisconsin Energy Institute
○ Center for East Asian Studies
○ African Studies Program
Assistant Professor in Computational Communication   *2019–2024*

Education

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

Columbia University   **New York, NY**
MPA, Master of Public Administration   *2014*

Fudan University   **Shanghai, China**
Bachelor of Law (Honours), First Major: Political Science, Second Major: Economics   *2012*

Research Interests

Substantive: Science and Technology Communication, Public Deliberation, Comparative Media Studies, Digital Inequalities

Methodological: Automated Text Analysis, Computer Vision, Multimodality Analysis, Machine Learning, Causal Inference, Mixed Methods

Research

*indicates student co-author at the time of submission

Peer-reviewed Journal Articles

Science Communication: Equity and Public Deliberation

[1] *Mede, N., *Villanueva, I., & **Chen**, **K.** (2025). Communicating scientific norms in the hybrid media environment: A mixed-method analysis of social media engagement with watchdog science journalism. *Journalism & Mass Communication Quaterly*. Advance online publication.

[2] *Wang, Y., *Shen, L., & **Chen**, **K.** (2024). Fostering accurate reasoning about outgroups: Experimental evidence from intergroup relation priming on conspiracy beliefs amid Sino-U.S. tensions. *Journalism & Mass Communication Quarterly*. Advance online publication.

[3] Lee, N., **Chen**, **K.**, William, M., & Curtis, B. (in press). Voice and value: How elected officials evaluate online and offline constituent feedback. *Public Opinion Quarterly*.

[4] *Shao, A., **Chen**, **K.**, *Xing, A., Johnson, B., & Shaila, M. (in press). Ubiquitous news coverage and its varied effects in communicating protective behaviors to American adults in infectious disease outbreaks: Evidence from a national longitudinal panel survey. *Journal of Medical Internet Research*.

[5] *Qian, S., **Chen**, **K.**, Meng, J., Shen, C., Chen, A., & Zhang, J. (2024). Fear in media headlines increases public risk perceptions but decreases preventive behaviors: A multi-country study during the COVID-19 pandemic. *Journal of Health Communication*, 1–11.

[6] *Cate, A., *Moen, S., & **Chen**, **K.** (2024). Bridging digital divide in Wisconsin: An examination of policy efforts and effectiveness over the past five years. *Information, Communication & Society*, 1–20. **co-first author**.

[7] *Molder, A. L., *Villanueva, I. I., & **Chen**, **K.** (2024). The impact of public deliberation and identity-based storytelling on civic empowerment among latinx communities on environmental issues. *Environmental Communication*, *18*(8), 1092–1109. https://doi.org/10.1080/17524032.2024.2348497 **co-first author**.

[8] **Chen**, **K.**, *Duan, Z., & *Kim, S. J. (2024). Uncovering gender stereotypes in controversial science discourse: Evidence from computational text and visual analyses across digital platforms. *Journal of Computer-Mediated Communication*, *29*(1), Article zmad052. https://doi.org/10.1093/jcmc/zmad052 **co-first author**.

[9] **Chen**, **K.**, Newman, T., & *Zhou, Y. (2024). When science meets digital branding: Examining content creators and hyperlinks in climate change YouTube videos from 2015-2019. *Journal of Quantitative Description: Digital Media*, *4*. https://doi.org/10.51685/jqd.2024.icwsm.3 **co-first author**.

[10] **Chen**, **K.**, *Villanueva, I. I., & *Molder, A. L. (2024). Uncovering how Black and Latinx communities perceive environmental justice: Integrating a public deliberation quasi-experiment and computational methods. *Public Relations Review*, *50*(2), Article 102436. https://doi.org/10.1016/j.pubrev.2024.102436 **co-first author**.

[11] **Chen**, **K.**, *Shao, A., *Burapacheep, J., & Li, Y. (2024). Conversational AI and equity through assessing GPT-3's communication with diverse social groups on contentious topics. *Scientific Reports*, *14*(1), Article 1561. https://doi.org/10.1038/s41598-024-51969-w

[12] *Kim, S. J., *Villanueva, I. I., & **Chen**, **K.** (2024). Going beyond affective polarization: How emotions and identities are used in anti-vaccination TikTok videos. *Political Communication*, *41*(4), 588–607. https://doi.org/10.1080/10584609.2023.2243852 **co-first author. ICA Kaid-Sanders Award: Best Political Communication Article of the Year.**

[13] *Kim, S. J., & **Chen**, **K.** (2024). The use of emotions in conspiracy and debunking videos to engage publics on YouTube. *New Media & Society*, *26*(7), 3854–3875. https://doi.org/10.1177/14614448221105877 **co-first author**.

[14] Chinn, S., Hiaeshutter-Rice, D., & **Chen**, **K.** (2024). How science influencers polarize supportive and skeptical communities around politicized science: A cross-platform and over-time comparison. *Political Communication*, *41*(4), 627–648. https://doi.org/10.1080/10584609.2023.2201174

[15] **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*, *28*(1), 1–12. https://doi.org/10.1080/17524032.2023.2211746

[16] Chen, A., **Chen**, **K.**, Zhang, J., Meng, J., & Shen, C. (2023). When national identity meets conspiracies: The contagion of national identity language in public engagement and discourse about COVID-19 conspiracy theories. *Journal of Computer-Mediated Communication*, *28*(1), Article zmac034. https://doi.org/10.1093/jcmc/zmac034 **co-first author**.

[17] Chen, A., *Lu, Y., **Chen**, **K.**, & Ng, A. Y. (2024). Pandemic nationalism: Use of government social media for political information and belief in COVID-19 conspiracy theories in China. *The International Journal of Press/Politics*, *29*(3), 710–732. https://doi.org/10.1177/19401612231153107

[18] **Chen**, **K.**, *Jeon, J., & *Zhou, Y. (2023). A critical appraisal of diversity in digital knowledge production: Segregated inclusion on YouTube. *New Media & Society*, *25*(11), 2855–2876. https://doi.org/10.1177/14614448211034846

[19] **Chen**, **K.**, *Molder, A. L., *Duan, Z., Boulianne, S., *Eckart, C., *Mallari, P., & Yang, D. (2023). How climate movement actors and news media frame climate change and strike: Evidence from analyzing Twitter and news media discourse from 2018 to 2021. *The International Journal of Press/Politics*, *28*(2), 384–413. https://doi.org/10.1177/19401612221106405

[20] **Chen**, **K.**, & *Jin, Y. (2022). How issue entrepreneurs shape public discourse of controversial science: Examining GMO discussion on a popular Chinese Q&A platform. *Journal of Science Communication*, *21*(6), Article A01. https://doi.org/10.22323/2.21060201

[21] **Chen**, **K.**, *Jin, Y., & *Shao, A. (2022). Science factionalism: How group identity language affects public engagement with misinformation and debunking narratives on a popular Q&A platform in China. *Social Media+ Society*, *8*(1). https://doi.org/10.1177/20563051221077019

[22] **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*, *77*(2), 184–197. https://doi.org/10.2489/jswc.2022.00167

[23] *Wirz, C. D., *Shao, A., *Bao, L., *Howell, E. L., *Monroe, H., & **Chen**, **K.** (2022). Media systems and attention cycles: Volume and topics of news coverage on COVID-19 in the United States and China. *Journalism & Mass Communication Quarterly*, *99*(4), 1048–1071. https://doi.org/10.1177/10776990211049455

[24] *Molder, A. L., *Lakind, A., *Clemmons, Z. E., & **Chen**, **K.** (2022). 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*, *27*(3), 668–695. https://doi.org/10.1177/19401612211055691

[25] *Wirz, C. D., *Cate, A., Brauer, M., Brossard, D., DiPrete Brown, L., **Chen**, **K.**, *Ho, P., Luter, D. G., Madden, H., Schoenborn, S., et al. (2022). Science communication during COVID-19: When theory meets practice and best practices meet reality. *Journal of Science Communication*, *21*(3), Article N01. https://doi.org/10.22323/2.21030801

[26] **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. https://doi.org/10.1093/poq/nfab021

[27] *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), 686–714. https://doi.org/10.1093/joc/jqab032

[28] **Chen**, **K.** (2021). How deliberative designs empower citizens' voices: A case study on Ghana's deliberative poll on agriculture and the environment. *Public Understanding of Science*, *30*(2), 179–195. https://doi.org/10.1177/0963662520966742

[29] **Chen**, **K.**, & Burgess, M. M. (2021). Narratives in public deliberation: Empowering gene editing debate with storytelling. *Hastings Center Report*, *51*(S2), S85–S91. https://doi.org/10.1002/hast.1324

[30] **Chen**, **K.**, Chen, A., Zhang, J., Meng, J., & Shen, C. (2020). Conspiracy and debunking narratives about COVID-19 origination on Chinese social media: How it started and who is to blame. *Harvard Kennedy School (HKS) Misinformation Review*, *1*(8). https://doi.org/10.37016/mr-2020-50

[31] **Chen**, **K.**, *Bao, L., *Shao, A., *Ho, P., *Yang, S., *Wirz, C. D., Brossard, D., Brauer, M., & DiPrete Brown, L. (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), Article A11. https://doi.org/10.22323/2.19050211

[32] 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. https://doi.org/10.22140/cpar.v11i1.247

[33] 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. https://doi.org/10.1177/0263395720902982

Science Communication: Computational Social Science

[34] *Duan, Z., *Shao, A., *Hu, Y., *Lee, H., *Liao, X., *Suh, Y. J., *Kim, J., *Yang, K.-C., **Chen**, **K.**, & Yang, S. (2025). Constructing vec-tionaries to extract latent message features from texts: A case study of moral appeals. *Political Analysis*. Advance online publication.

[35] **Chen**, **K.** (2024a). Computational methods in Chinese Internet studies—an overview and looking ahead. *Communication and the Public*. Advance online publication. https://doi.org/10.1177/20570473241264895

[36] **Chen**, **K.**, *Lu, Y., & *Wang, Y. (2024). Unraveling China's digital traces: Evaluating communication scholarship through a sociotechnical lens. *Chinese Journal of Communication*, *17*(2), 127–150. https://doi.org/10.1080/17544750.2023.2264406 **co-first author**.

[37] **Chen**, **K.**, *Kim, S. J., *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. https://computationalcommunication.org/ccr/article/view/97

[38] **Chen**, **K.**, *Duan, Z., & Yang, S. (2022). Twitter as research data: Tools, costs, skill sets, and lessons learned. *Politics and the Life Sciences*, *41*(1), 114–130. https://doi.org/10.1017/pls.2021.19 **co-first author**.

[39] *Ho, P., **Chen**, **K.**, *Shao, A., *Bao, L., *Ai, A., *Tarfa, A., Brossard, D., Brown, L., & Brauer, M. (2021). A mixed methods study of public perception of social distancing: Integrating qualitative and computational analyses for text data. *Journal of Mixed Methods Research*, *15*(3), 374–397. https://doi.org/10.1177/15586898211020862 **co-first author**.

[40] *Hou, X., Gao, S., Li, Q., *Kang, Y., *Chen, N., **Chen**, **K.**, Rao, J., Ellenberg, J. S., & Patz, J. A. (2021). Intracounty modeling of COVID-19 infection with human mobility: Assessing spatial heterogeneity with business traffic, age, and race. *Proceedings of the National Academy of Sciences*, *118*(24), Article e2020524118. https://doi.org/10.1073/pnas.2020524118

[41] Hiaeshutter-Rice, D., Chinn, S., & **Chen**, **K.** (2021). Platform effects on alternative influencer content: Understanding how audiences and channels shape misinformation online. *Frontiers in Political Science*, *3*, Article 642394. https://doi.org/10.3389/fpos.2021.642394

[42] Meijer, A., & Webster, C. W. (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. https://doi.org/10.3233/IP-200006 **contributing author on the China section**.

[43] 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). https://doi.org/10.3389/frsc.2019.00003

[44] **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. https://doi.org/10.1080/10967494.2018.1488780

[45] Pan, J., & **Chen**, **K.** (2018). Concealing corruption: How Chinese officials distort upward reporting of online grievances. *American Political Science Review*, *112*(3), 602–620. https://doi.org/10.1017/S0003055418000205 **co-first author**.

[46] 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. https://doi.org/10.1080/20508840.2017.1282665

[47] 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. https://doi.org/10.7758/rsf.2016.2.7.06

Peer-reviewed Conference Proceedings

[1] *Chandrasekaran, A., Currano, R., *Batool, V., **Chen**, **K.**, Murnane, E. L., Sirkin, D., & Mauriello, M. L. (2024). Therapy for therapists: Design opportunities to support the psychological well-being of mental health workers. *Proceedings of the ACM on Human-Computer Interaction*, *8*(CSCW2). https://doi.org/10.1145/3686957

[2] 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. *PACIS 2023 Proceedings*. https://aisel.aisnet.org/pacis2023/161

[3] 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. https://doi.org/10.1145/2994310.2994366

[4] 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 Network Analysis and Mining*, 1118–1124. https://doi.org/10.1145/2808797.2808841

Book Chapters and Essays...

Peer-reviewed

[1] 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. In J. Y. Chen & G. Fragomeni (Eds.), *Virtual, Augmented and Mixed Reality: Applications in Health, Cultural Heritage, and Industry (VAMR 2018)* (pp. 153–171). Springer, Cham. https://doi.org/10.1007/978-3-319-91584-5_13 Peer-reviewed.

Invited

[2] **Chen**, **K.**, & Lu, Y. (in press). Video as data in computational analysis. In *The Handbook of Quantitative Research Methods in Communication Science*.

[3] **Chen**, **K.** (2024b). A knowledge partnership approach for co-developing inclusive standards for computational communication science. *Journalism & Mass Communication Quarterly*. Advance online publication.

[4] **Chen**, **K.**, Lu, Y., & *Gaw, F. (2025). Computational communication research: A comparative lens. In *Handbook of Computational Communication Research*. ICA Handbook Series.

Media and Policy Writings...

[1] **Chen**, **K.**, Chen, A., Zhang, J., Meng, J., & Shen, C. (2021-01-28). *COVID-19 misinformation on Chinese social media: Lessons for countering conspiracy theories.* https://theconversation.com/covid-19-misinformation-on-chinese-social-media-lessons-for-countering-conspiracy-theories-150718

[2] **Chen**, **K.** (2019-03-07). *How digital contributions from citizens can help U.S. public officials govern effectively.* https://scholars.org/contribution/how-digital-contributions-citizens-can-help-us-public-officials-govern-effectively

[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 the Science Public Engagement Partnership. https://scipep.org/wp-content/uploads/Newman-et-al_-KavliDOE_Final-Report_DOI.pdf

Under Review..

[1] Jackson, C., *Kyla, S., *Black, C., *Chunduru, N., & **Chen**, **K.** (revised and resubmitted). Coupling in-person deliberation and crowdsourcing to amplify and engage communities in policy deliberation. *Computer-Supported Cooperative Work*.

[2] *Shen, L., *Sun, Y., *Sun, L., *Chuang, Y.-S., & **Chen**, **K.** (Minor Revision). When collective narcissism meets "Stop The Steal": How collective narcissism expressions became contagious in public conversations on X. *New Media & Society*.

[3] **Chen**, **K.**, Lu, Y., & Zou, S. (under review). Tiktoking vaccine nationalism: A multimodal understanding of covid-19 vaccine videos on douyin.

[4] Zou, S., & **Chen**, **K.** (under review). Between creative identity performance and constrictive empowerment: Case studies of minoritized women as stem content creators on social media.

[5] Shi, G., **Chen**, **K.**, Ni, C., Niu, X., & *Liu, H. (revised and resubmitted). Social justice in your name?! *Plos One*.

Honors and Awards

Vilas Early-Career Investigator Award	*2024*
ICA Kaid-Sanders Award: Best Political Communication Article of the Year	*2024*

AEJMC Lillian Lodge Kopenhaver Early Career Woman-Scholar Award	*2023*
Burkhardt Seed Grant Professorship	*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*
Hewlett Packard Enterprise "The Living Progress Challenge" Winner for Top Five Ideas in Public Sector	*2016*
Stanford Graduate Fellowship (awarded to top PhD candidate during recruitment)	*2014–2019*
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

National Institutes of Health Award #1P20ES036747-01 — **$3,820,922**

A community-driven, health-first approach to climate action and the energy transition — *2024-2027*
PI: Jonathan Patz
Co-I: **Kaiping Chen** (Leadership Team)

National Science Foundation Award #2128865 — **$35,767**

*Collaborative Research: Supporting future crisis line work through the inclusive design
of worker-facing tools that empower self-management of wellbeing and performance* — *2021-2022*
PI: **Kaiping Chen**

National Science Foundation Award #2022216 Subaward #2021-1 — **$4,771**

*RAPID: Media exposure, objective knowledge, risk perceptions, and
risk management preferences of Americans regarding the novel coronavirus outbreak* — *2021-2022*
PI: **Kaiping Chen**

National Science Foundation Award #2027375 — **$199,888**

*RAPID: Geospatial modeling of COVID-19 spread and risk communication by
integrating human mobility and social media big data* — *2020-2021*
PI: Song Gao
Co-PIs: **Kaiping Chen**, Qin Li, Jonathan Patz

Foundation/Philanthropy

Chan Zuckerberg Initiative — **$314,980**

*Coupling deliberation and digital crowdsourcing to amplify and engage marginalized
communities in co-creating solutions for carbon-dioxide policies and climate equity discussions* — *2022-2024*
PI: **Kaiping Chen**
Co-PI: Corey Jackson

Industry

American Family Insurance — **$99,994**

Multimodal method approach for risk assessment and reasoning — *2024-2025*
PI: **Kaiping Chen**
Co-PI: Junjie Hu

American Family Insurance — **$149,969**

Reducing bias in human-AI conversation — *2021-2023*
PI: **Kaiping Chen**
Co-PI: Sharon Yixuan Li

International Organization

Economic Research Institute for ASEAN and East Asia $10,000

Enhancing food supply chain resilience and food security in ASEAN
with utilizing of digital technologies *2021*
PI: **Kaiping Chen**

UW-Madison

Increasing Social and Economic Inclusion Grant $216,768

Amplifying the voices of Black/Latinx communities in policy discussions *2023-2025*
PI: Corey Jackson
Co-PI: **Kaiping Chen**

Institute for Diversity Seed Grant $20,750

Advancing Large Language Models for inclusive dialogues in Latin American countries *2023-2024*
PI: **Kaiping Chen**
Co-PI: Junjie Hu

Hatch Grant from USDA National Institute of Food and Agriculture $67,672

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 *2022-2024*
PI: **Kaiping Chen**

Fall Research Competition $58,000

Science communication about wildfire through documentary films: An experiment to
examine the role of visual storytelling in expanding public perspectives on prescribed burning *2023-2024*
PI: **Kaiping Chen**

Fall Research Competition $46,263

Identity politics and civic dialogues about controversial science through
large-scale content analysis and experiment *2022-2023*
PI: **Kaiping Chen**

Under Review

Australian Research Council (shortlisted)

Trustworthy Model Reprogramming: Learning with Imperfect Pre-trained Models *2025-2029*
PI: Feng Liu
Co-PI: **Kaiping Chen**

National Science Foundation $20,000,000

AI Institute for Multidisciplinarity *2026-2028*
PI: Kyle Cranmer
Co-I: **Kaiping Chen** (Leadership Team)

Service

International Scientific Boards (Editorial Boards)

Communication Methods and Measures (5-year impact factor: 10.5)

Human Communication Research (5-year impact factor: 4.7)

Journalism and Mass Communication Quarterly (5-year impact factor: 4.5)

Social Science Computer Review (5-year impact factor: 4.7)

Global Public Policy and Governance, Emerging Scholar Advisory Board

International Associations Related Services

International Communication Association (ICA)
Political Communication Division:
o Award Committee: The Kaid-Sanders Best Political Communication Article of the Year (2025)

Computational Methods Division:

o Elected International Liaison (2022–2024)
o Executive Committee (2022–2024)
o Chair of the Diversity, Equity, and Inclusion Taskforce (2022-2024)
o Pre-Conference Co-Chair with Colleagues ("Computational Message Science") (2024)
o Panel Co-Chair ("Image-As-Data Methods in the Age of generative Artificial Intelligence") (2024) with Yingdan Lu (Northwestern)
o Panel Chair ("Video-as-Data in Computational Communication") (2022) with Yingdan Lu
o Panel Chair ("Video-as-Data in Computational Communication") (2023) with Yingdan Lu

Global Communication and Social Change Division:

o Panel Co-Chair ("Algorithmic Bias and Its Impact on Marginalized Communities: A Global and Comparative Perspective") (2024) with Jihye Lee (UT-Austin) and Baohua Zhou (Fudan)

International Research Society for Public Management

o Panel Co-Chair ("Open Governance") (2016) with Stephen Osborne (Edinburgh)

American Associations and Foundations Related Services..

Association for Education in Journalism and Mass Communication (AEJMC)

o Award Committee: Lillian Lodge Kopenhaver Outstanding Early-Career Woman Scholar Award (2025)
o Professional Freedom and Responsibility Chair for Communicating Science, Health, Environment and Risk Division (2024-2025)
o Elected Secretary for Communicating Science, Health, Environment and Risk Division (2023-2024)
o Officer on Media Team of Communicating Science, Health, Environment and Risk Division (2022-2023)

Mid-west Political Science Association

o Panel Chair ("Advances in Political Methodology") (2019)

American Political Science Association

o Panel Co-Chair ("Government Responsiveness in Autocracy") (2018) with Haemin Jee (West Point)
o Panel Chair ("Fact Checking the Fact Checkers") (2015)

National Communication Association

o Lynda Lee Kaid Dissertation Award Committee (2020)

Reviewer...

Interdisciplinary journals:
PNAS, Nature Scientific Reports, Social Science Computer Review, Harvard Kennedy School Misinformation Reviews, Journal of Quantitative Description: Digital Media, PLOS ONE, Humanities and Social Sciences Communication

Communication journals:
Journal of Communication, Communication Methods and Measures, Human Communication Research, Science Communication, New Media & Society, Social Media + Society, Journal of Science Communication, Journalism, International Journal of Communication, 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

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, NLP and Computational Social Science Workshop (NAACL), IC2S2, ICWSM.

University and Departmental Service..

University of Wisconsin-Madison
University wide service:
○ Data Science Institute Symposium: Planning Committee, Panel Facilitator, Lightning Talk Speaker (2022)
○ Data Science Hub, Advisory Committee (2023–present)
○ Data Science Research Bazaar, Planning Committee (2024-2025)
Departmental service:
○ Department Coordinator for RISE AI Faculty Hire (2025)
○ Faculty Senator (2023–present)
○ Undergraduate Curriculum Committee (2022–2023)
○ Award Committee (2020–2022, 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 the School of International and Public Affairs (2013)
○ Alumni mentor at the School of International and Public Affairs (2014–present)
○ Fundraiser for Columbia Giving Day for the School of International and Public Affairs (2017)

Research Colloquia and Invited Talks

Other Institutions

[1] *Amplifying community voices in the digital age* [United Nation Association Dane County Chapter, Madison, WI]. (May 3, 2025).

[2] *Advancing large language models for inclusive dialogues in Latin American countries* [Stanford University, Stanford, CA]. (March 21, 2025).

[3] *Computational science communication* [Department of Media and Communication, Ludwig Maximilian University of Munich, Munich, Germany]. (November 25 – November 29, 2024).

[4] *AI in public policymaking* [Dane County The Tamara D. Grigsby Office for Equity and Inclusion, Madison, WI]. (September 12, 2024).

[5] *Using computational communication methods and technologies to assess and enhance equity in science communication* [School of Communication, Ohio State University, Columbus, OH]. (April 12, 2024).

[6] *Conversational AI and equity: Auditing how GPT-3 have dialogues with diverse social groups on contentious topics* [American Family Insurance, Fairness and Ethics in ML Seminar Series, virtual]. (March 18, 2024).

[7] *AI unveiled: The road to equitable and responsible innovation* [TEMPO Madison, Madison, WI]. (March 12, 2024).

[8] *Computational methods in Chinese Internet studies* [Center on Digital Culture and Society and Center for the Study of Contemporary China, University of Pennsylvania, Philadelphia, PA]. (February 2, 2024).

[9] *Video-as-data for studying science communication* [Center for C-SPAN Scholarship & Education, Purdue University, virtual]. (February 16, 2024).

[10] *Using computational communication methods and technologies to assess and enhance equity in science communication* [Center for Studies in Demography Ecology, University of Washington, virtual]. (December 6, 2023).

[11] *Using computational communication methods and technologies to assess and enhance equity in science communication* [HSBC Business School, Peking University, virtual]. (November 22, 2023).

[12] *Using computational communication methods and technologies to assess and enhance equity in science communication* [Institute of Data Science, Texas A&M University, College Station, Texas]. (October 23, 2023).

[13] *AI unveiled: The road to equitable and responsible innovation* [Rotary Club of Madison, Madison, WI]. (October 4, 2023).

[14] *Video-as-data in communication research* [The Summer Institute in Computational Social Science | KAIST and Korea Development Institute, virtual]. (July 15, 2023).

[15] *A critical appraisal of equity in conversational AI: Evidence from auditing how GPT-3 have dialogues with different publics on climate change and Black Lives Matter* [University of British Columbia, Vancouver, Canada]. (May 1, 2023).

[16] *A critical appraisal of equity in conversational AI: Evidence from auditing how GPT-3 have dialogues with different publics on climate change and Black Lives Matter* [The Alan Turing Institute, United Kingdom's National Institute for Data Science and Artificial Intelligence (declined due to getting COVID)]. (March 20, 2023).

[17] *A critical appraisal of equity in conversational AI: Evidence from auditing how GPT-3 have dialogues with different publics on climate change and Black Lives Matter* [Department of Communication and Media Studies, University of Zürich, Zürich, Switzerland]. (March 13, 2023).

[18] *A critical appraisal of equity in conversational AI: Evidence from auditing how GPT-3 have dialogues with different publics on climate change and Black Lives Matter* [Heine Center for Artificial Intelligence and Data Science, Heinrich Heine University Düsseldorf, Düsseldorf, Germany]. (March 15, 2023).

[19] *A critical appraisal of equity in conversational AI: Evidence from auditing how GPT-3 have dialogues with different publics on climate change and Black Lives Matter* [Moody College of Communication, University of Texas at Austin, Austin, TX]. (February 20, 2023).

[20] *How to scale up and sustain community engagement in environmental policymaking: Integrating digital crowdsourcing and data science with in-person engagement* [Place-Based Justice Network, virtual]. (February 22, 2023).

[21] *Living conditions, needs, and suggestions from Black and Latinx communities on energy saving, heat & health, and tree canopy* [Dane County Office of Energy & Climate Change, Madison, WI]. (January 31, 2023).

[22] *How to scale up and sustain community engagement in environmental policymaking: Integrating digital crowdsourcing and data science with in-person engagement* [U.S. Environmental Protection Agency, virtual]. (January 19, 2023).

[23] *Beyond affective polarization: How emotional and identity cues are used in anti-vaccination conspiracies on TikTok* [World Association for Public Opinion Research Conference, virtual]. (November, 2022).

[24] *Empowering communities' voices in sustainability policymaking: Designing deliberation and digital crowdsourcing for collective decision-making* [Consortium for Science, Policy Outcomes, New Tools for Science Policy, Arizona State University, Washington, D.C]. (October 7, 2022).

[25] *A critical appraisal of equity in conversational AI: Evidence from auditing how GPT-3 have dialogues with different publics on climate change and Black Lives Matter* [American Family Insurance, virtual]. (September 6, 2022).

[26] *Using data from Reddit, public deliberation, and surveys to measure public opinion about autonomous vehicles* [American Association for Public Opinion Research, virtual]. (July 14, 2022).

[27] *Video-as-data in communication research* [The Summer Institute in Computational Social Science | North Dakota State University, virtual]. (June 22, 2022).

[28] *When national identity meets conspiracies: The contagion of national identity language on public participation and discourse of COVID-19 conspiracies* [Digital Society Research Cluster, City University of Hong Kong, virtual]. (June 15, 2022).

[29] *Coupling microcosm deliberation & digital crowdsourcing to empower citizens' voices in public policymaking* [The National Academies of Sciences, Engineering, and Medicine: Science Communication Colloquium, virtual]. (June 2, 2022).

[30] *How science communication empowers citizens' voices: From identifying misinformation to nurturing deliberative citizenship and policymaking* [Society of Toxicology Midwest Regional Chapter, virtual]. (April 29, 2022).

[31] *When national identity meets conspiracies: The contagion of national identity language on public participation and discourse of COVID-19 conspiracies* [UCSD, 21st Century China Center, virtual]. (February 11, 2022).

[32] *Testing mixed method inputs for human-centered policy and systems design: Autonomous vehicles as a case study* [Department of Engineering Management and Systems Engineering, George Washington University, virtual]. (November 19, 2021).

[33] *Science factionalism: The role of group identity language in public engagement with gmo misinformation and debunking on a popular Q&A platform in China* [Centre for Deliberative Democracy and Global Governance, University of Canberra, virtual]. (September 14, 2021).

[34] *How competition for patronage shapes government responsiveness in China* [Political Science Speaker Series for China Studies, virtual]. (September 24, 2021).

[35] *A critical appraisal of diversity in digital knowledge production: Segregated inclusion of knowledge producers on YouTube* [Department of Media and Communications, London School of Economics and Political Science, virtual]. (May 20, 2021).

[36] *How nationalism affects people's misperception and engagement with science* [Symposium on the Political Economy of Misinformation, UC Institute on Global Conflict and Cooperation, virtual]. (April 7, 2021).

[37] *How deliberative designs empower citizens' voices: A case study on Ghana's deliberative poll on agriculture and environment* [Genetic Engineering and Society Center Colloquium, North Carolina State University, virtual]. (February 16, 2021).

[38] *I am better than you: How nationalism strengthens science misperception* [The China Workshop, Princeton University, virtual]. (December 10, 2020).

[39] *A critical appraisal of diversity in digital knowledge production: Segregated inclusion of knowledge producers on YouTube* [Ethnography Lab, Stanford University, virtual]. (October 16, 2020).

[40] *How social media complement surveys for understanding public opinions on AI,* [AEJMC Panel on Making Sense of Technology Buzz Words: Automation, Robotics, AI, virtual]. (August 7, 2020).

[41] *Narratives in public deliberation: Empowering gene-editing debate with storytelling* [The Hastings Center, virtual]. (June 8, 2020).

[42] *How competition for patronage shapes government responsiveness in China* [Department of East Asian Studies, University of Vienna, Vienna, Austria]. (October 24, 2019).

[43] *Public deliberation of gene-editing in the wild* [The Hastings Center, Garrison, NY]. (June, 2019).

UW-Madison (18 talks)

History of Science, Medicine, and Technology Series (2023), Social Science and Sustainability Solutions (2023), Exploring Artificial Intelligence at UW-Madison (2023), Wisconsin Idea Conference (2023), Data Science Institute Symposium on Climate Smart Agriculture and Forestry (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), College of Agriculture and Life Sciences Global Conversations (2021), African at Noon 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).

Refereed Conference Papers

[1] *Educating the educators: How to effectively incorporate AI-related topics and tools in your journalism curriculum* [Annual Conference of the Association for Education in Journalism and Mass Communication, Philadelphia, PA]. (2024). **invited panelist**.

[2] *How moral judgements are used with gender cues in controversial science discourse: Evidence from computational text and visual analyses across digital platforms* [Annual Conference of the International Communication Association, Gold Coast, Australia]. (2024).

[3] *Communicating scientific norms in the hybrid media environment: A mixed-method analysis of social media discourse and engagement with retraction watch on Twitter* [Annual Conference of the International Communication Association, Gold Coast, Australia]. (2024).

[4] *Uncovering how Black and Latinx communities perceive environmental justice: Integrating a public deliberation quasi-experiment and computational methods* [Annual Conference of the International Communication Association, Gold Coast, Australia, 2024]. (2024).

[5] *Synthetic media, visual narratives, and information authenticity: Advancing global social justice* [Annual Conference of the International Communication Association, Gold Coast, Australia]. (2024). **invited panelist**.

[6] *Constructing vec-tionaries to extract latent message features from texts: A case study of moral appeals* [Annual Conference of the International Communication Association, Gold Coast, Australia]. (2024).

[7] *Tool demo: VecMFD – a python library for computational analysis of moral appeals from english texts* [Annual Conference of the International Communication Association, Gold Coast, Australia]. (2024).

[8] *The political economy outcomes of China's IP address de-anonymization policy* [Annual Conference of the American Political Science Association, Los Angeles, CA]. (2023). **invited panelist**.

[9] *How moral judgements are used with gendered languages in science discourse* [Annual Conference of the American Political Science Association, Los Angeles, CA]. (2023).

[10] *How collective narcissism spread: Evidence from Twitter on capital insurrection* [Annual Conference of the American Political Science Association, Los Angeles, CA]. (2023).

[11] *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, Canada]. (2023).

[12] *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, Canada]. (2023).

[13] *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, Canada]. (2023). **invited panelist**.

[14] *VecOpt: Development of a word embedding-based optimization approach to extracting moral appeals from text* [Annual Conference of the International Communication Association, Toronto, Canada]. (2023).

[15] *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, Canada]. (2022).

[16] *Ubiquitous coverage, differentiated effects: Intermedia agenda setting and its effects in communicating protective behaviors to American adults during the COVID-19 pandemic* [Annual Conference of the Association for Education in Journalism and Mass Communication, Detroit, MI]. (2022).

[17] *The reproductive dynamics of moral appeals on social media: Evidence from a large-scale analysis on COVID-19 public discourse on Twitter* [IC2S2, Chicago, IL]. (2022).

[18] *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, France]. (2022).

[19] *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, France]. (2022).

[20] *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, France]. (2022).

[21] *Examining multi-modal emotional cues to study COVID-19 vaccination videos on TikTok* [Annual Conference of the International Communication Association, Paris, France]. (2022a).

[22] *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, France]. (2022).

[23] *The global climate movements' discourse on Twitter: Examining responsibility attribution, mobilization outcomes, and user engagement* [Annual Conference of the International Communication Association, Paris, France]. (2022).

[24] *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, France]. (2022).

[25] *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, France]. (2022).

[26] *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, France]. (2022).

[27] *Examining multi-modal emotional cues to study COVID-19 vaccination videos on TikTok* [Annual Conference of the International Communication Association, Paris, France]. (2022b).

[28] *A critical appraisal of diversity in digital knowledge production: Segregated inclusion on YouTube* [Inclusive SciComm Symposium, virtual]. (2021).

[29] *Conspiracy vs debunking: The role of emotion on public engagement with YouTube* [Multidisciplinary International Symposium on Disinformation in Open Online Media, virtual]. (2021a).

[30] *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, virtual]. (2021).

[31] *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]. (2021a).

[32] *Pandemic nationalism: How exposure to government social media affects people's belief in COVID-19 conspiracy theories in China* [Fourth Annual Politics and Computational Social Science (PaCSS) Conference, virtual]. (2021b).

[33] *I am better than you: How nationalism strengthens misperceptions* [Annual Conference of the National Communication Association, virtual]. (2021a).

[34] *Science of open (communication) science: Toward an evidence-driven understanding of quality criteria in communication research* [Annual Conference of the Association for Education in Journalism and Mass Communication, virtual]. (2021).

[35] *How group identity polarizes public deliberation on controversial science* [Annual Conference of the Association for Education in Journalism and Mass Communication, virtual]. (2021).

[36] *Conspiracy vs debunking: The role of emotion on public engagement with YouTube* [Annual Conference of the Association for Education in Journalism and Mass Communication, virtual]. (2021b).

[37] *Public engagement with basic science in STEM journals* [Science Public Engagement Partnership (SciPEP), virtual]. (2021).

[38] *I am better than you: How nationalism strengthens misperceptions* [Annual Conference of the International Communication Association, virtual]. (2021b).

[39] *Evaluating biases and sample representativeness of Twitter data* [Annual Conference of the International Communication Association, virtual]. (2021).

[40] *Recreate science! How female science communicators transcend traditional STEM communication on social media* [Annual Conference of the International Communication Association, virtual]. (2021).

[41] *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, virtual]. (2021a).

[42] *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, virtual]. (2021b).

[43] *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, virtual (declined)]. (2021).

[44] *Propaganda and civic engagement on viral science videos from YouTube* [Annual Conference of the Public Communication of Science and Technology, virtual (declined)]. (2021).

[45] *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, virtual]. (2020).

[46] *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, virtual]. (2020).

[47] *Can the mass public deliberate in semi-authoritarian setting? Examining deliberative reasoning in Macau's deliberative poll* [Annual Conference of the International Communication Association, virtual]. (2019a).

[48] *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, IL]. (2019b).

[49] *Can the mass public deliberate in semi-authoritarian setting? Examining deliberative reasoning in Macau's deliberative poll* [Annual Conference of the American Political Science Association, Boston, MA]. (2018).

[50] *Patronage and government responsiveness in China* [Annual Conference of the American Political Science Association, Boston, MA]. (2018).

[51] *Mobilizing mini publics: The impact of deliberation on civic engagement* [Annual Conference of the American Political Science Association, Boston, MA]. (2018).

[52] *Do elected officials listen to constituents on social media* [Annual Conference of the American Political Science Association, Boston, MA]. (2018).

[53] *Concealing corruption: How Chinese officials distort upward reporting of online grievances* [Western Political Science Association Annual Conference, San Francisco, CA]. (2018). **invited panelist**.

[54] *Who can deliberate: Comparing deliberate polls in California and Ghana* [Annual Conference of the American Political Science Association, San Francisco, CA]. (2017).

[55] *Who can deliberate: Reasoning in deliberate polls in California and Ghana* [Annual Conference of the International Communication Association, San Diego, CA]. (2017a).

[56] *Examining the impact of civic participation on crowdsourced policymaking with natural language processing* [Annual Conference of the International Communication Association, San Diego, CA]. (2017).

[57] *Exploring the optimized network structure for discourse quality - evidence from analyzing Reddit politics* [Annual Conference of the International Communication Association, San Diego, CA]. (2017).

[58] *Who can deliberate: Reasoning in deliberate polls in California and Ghana* [Annual Conference of the American Society for Public Administration, Atlanta, GA]. (2017b).

[59] *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, TX]. (2016).

[60] *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]. (2016).

[61] *Examining the triple challenges in crowdsourced policymaking: Inclusion, representation, and synthesis* [World Congress of Political Science, IPSA and AISP, virtual]. (2016).

[62] *Civic crowdanalytics: Making sense of crowdsourced civic input with big data tools* [Academic MindTrek, Tampere, Finland]. (2016). **Best Paper Award**.

[63] *The application of Habermas to authoritarian decision making* [Social Innovation Research Conference, Shanghai, China]. (2015).

[64] *Integrating reasoning and democracy: Theory of communicative governance and lessons from the Yanjin reform* [Annual Conference of the American Political Science Association, San Francisco, CA]. (2015). **Nominated for Timothy Cook Best Graduate Student Paper Award**.

Teaching and 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 The 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)
Isabel Villanueva, Life Sciences Communication, Ph.D. Committee (member)
Dayeon Eom, Life Sciences Communication, Ph.D. Committee (member)
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)
Liwei Shen, Department of Communication Arts, Ph.D. Committee (member)
Emma Stefanacci, Life Sciences Communication, Master's Committee (member)
Emily Morton, Life Sciences Communication, Master's Committee (member)
Julia Wiessing, Life Sciences Communication, Master's 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
Pauline Stein, Life Sciences Communication, M.S. (member) 2023
Sam Griffin, Life Sciences Communication, M.S. (member) 2023

Graduate Research Assistants (Current)
Ashley Cate, Life Sciences Communication
Isabel Villanueva, Life Sciences Communication

Undergraduate Advising (Degree awarded)
Hannah Cheren, Life Sciences Communication and Data Science, B.S. (honors thesis supervisor) 2023

Guest Lectures
2024
LSC640: Case Studies in the Communication off Science and Technology, Department of Life Sciences Communication, University of Wisconsin-Madison
PH791: Strategic Health Communication, School of Medicine and Public Health, University of Wisconsin-Madison
MTS525: Computational Communication Research, School of Communication, Northwestern University.
MMC6936: Mixed Methods Research, College of Journalism and Communications, University of Florida.
2022
J381-M: Computational Media and Data Science, School of Journalism and Media, University of Texas at Austin.
Biochemistry 210 Science Communication, UCSF.
N805: Measurement in Health Research, University of Wisconsin-Madison.
LSC640: Case Studies in the Communication of Science and Technology, University of Wisconsin-Madison
LSC155: First Year Seminar in Science Communication, University of Wisconsin-Madison
2021
LSC700: Colloquium in Life Sciences Communication, University of Wisconsin-Madison
LSC155: First Year Seminar in Science Communication

Public Policy Professional Experience

Dane County, Office of Energy and Climate Change **Madison, WI**

Principal Investigator *07/2022 –*
- ○ Designed community engagement forums to listen to Black and Latinx communities' perspectives on environmental issues
- ○ Built connections between city and county government and Black and Latinx NGOs
- ○ Conduct data analysis on community input
- ○ Built a digital crowdsourcing platform for large-scale community engagement
- ○ Built 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**

Reform Advisor *05/2015 – 06/2017*
- ○ 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)

Campaign Team for Christine Callaghan Quinn **New York, NY**

Field Communicator *05/2013 – 09/2013*
- ○ Canvassed and lobbied door-to-door to gather and record votes in the 2013 mayoral election

Manhattan Borough President's Office **New York, NY**

Policy Analyst *01/2013 – 09/2013*
- ○ Conducted analyses on a public education project using ethnographic methods and interviews
- ○ Delivered policy recommendations to the president on enhancing holistic approach to education in NYC

Shanghai Municipal Development and Reform Commission **Shanghai**

Policy Analyst, Industry Economics Office, Yangpu District *05/2012 – 08/2012*
- ○ Led a five-member team on drafting Technology and Finance policy to assist small and medium-sized businesses in 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 the contract with businesses and working with the Financial Bureau to offer and monitor fund use

Mayor's Office **New Haven, CT**

Legislative Assistant and Policy Analyst *08/2011 – 09/2011*
- ○ Drafted proposals to diversify fundraising 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

Science, Nature, Science Daily, PBS Wisconsin, Grist, The Conversation, Wisconsin State Farmer, Nieman Lab, WisContext, EU DisinfoLab, Snopes, Fast Company, Channel News Asia, Agriculture Clips, Mid-West Farm Report, The Badger Herald, Cap Times, WORT-FMs, County of Dane Wisconsin

Skills

Programming: R, Python, LaTeX

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

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

Service to music: Board of Directors, Wisconsin Youth Symphony Orchestras