

Anqi Shao

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Education Background

<u>PhD Student, Department of Life Sciences Communication, University of Wisconsin-Madison</u>	2019.09-Current
<u>Research Master Programme, Graduate School of Communication Science, University of Amsterdam</u>	2016.09-2019.01
Thesis: Misinformation Features and What if We Imitate Them: Investigating Characteristics of Vaccine Misinformation for Designing Pro-vaccination Messages	
Supervisor: Corine Meppelink	
<u>Bachelor of Science in Biology, Fudan University</u>	2012.09-2016.06
Thesis: A Preliminary Study on the Mechanism of Recombinant Bacillus Calmette-Guerin rBCG-Rv3425	
Supervisor: Ying Xu	
<u>Minor in Journalism, Journalism School of Fudan University</u>	2013.09-2016.06

Research Experience

Member in Science, Media, and the Public (SciMEP)	2019.09-Current
Research Assistant for Dr. Kaiping Chen on project: Reducing Bias in Human-AI Conversation	2021.07-2022.08
Research Assistant in Amsterdam School of Communication Research (ASCoR)	2017.10-2019.01
Research Assistant in Digital and Mobile Governance Lab, Fudan University	2018.07-2018.08

Teaching Experience

LSC 625: Risk Communication - Teaching Assistant	2023.01-Current
LSC 350: Visualizing Science and Technology - Teaching Assistant	2022.09-2022.12
LSC 250: Research Methods in Communication Industry - Teaching Assistant	2021.01-2021.05
LSC 270: Marketing Communications for the Sciences - Teaching Assistant	2020.09-2020.12
	2019.09-2019.12
LSC 251: Science, Media, and Society - Teaching Assistant	2020.01-2020.05

Publications

- Wirz, C. D., **Shao, A.**, Bao, L., Howell, E. L., Monroe, H., & Chen, K. (2021). Media Systems and Attention Cycles: Volume and Topics of News Coverage on COVID-19 in the United States and China. *Journalism & Mass Communication Quarterly*, 10776990211049455.
- 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), 20563051221077019. [all authors have equal contribution]
- 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*
- Meppelink, C. S., Hendriks, H., Trilling, D., van Weert, J. C., **Shao, A.**, & Smit, E. S. (2021). Reliable or not? An automated classification of webpages about early childhood vaccination using supervised machine learning. *Patient Education and Counseling*, 104(6), 1460-1466.
- Howell, E. L., Kohl, P., Scheufele, D. A., Clifford, S., **Shao, A.**, Xenos, M. A., & Brossard, D. (2020). Enhanced threat or therapeutic benefit? Risk and benefit perceptions of human gene editing by purpose and heritability of edits. *Journal of Risk Research*, 1-17.

- Chen, K., Bao, L., **Shao, A.**, Ho, P., Yang, S., Wirz, C., Brossard, D., Brauer, M., & Diprete Brown, L. (2020). How public perceptions of social distancing evolved over a critical period: communication lessons learnt from the American state of Wisconsin. *Journal of Science Communication*, 19(5), A11.

Conference Paper

- **Shao, A.**, Wang, Y., Yang, S. (2023, April) Cutting “Long COVID” Stories Short: Did News Outlets Oversimplify the Uncertainty in Medical Research about Post-COVID Conditions? [Conference presentation]. *Public Communication of Science and Technology (PCST) Conference*, Rotterdam, the Netherlands
- Duan, Z., Yang, S., **Shao, A.**, Chen, K., Hu, Y., Suh, Y., Kim, J., Lee, H., Liao, X. (2023, May) VecOpt: Development of a word embedding-based optimization approach to extracting moral appeals from text. [Conference presentation] *73rd Annual International Communication Association Conference*, Toronto, Canada
- Duan, Z., Yang, S., **Shao, A.**, Chen, K., Hu, Y., Suh, Y., Kim, J., Lee, H., Liao, X. (2023, Aug-Sept) VecOpt: a word embedding-based optimization approach to extracting text features. [Conference presentation] *119th Annual meeting of the American Political Science Association (APSA)*, Los Angeles, CA, United States
- **Shao, A.**, Chen, K., Johnson, B., Miranda, S., Xing, Q. (2022, Aug). Ubiquitous Coverage, Differentiated Effects: Intermedia Agenda Setting and its Effects in Communicating Protective Behaviors to American Adults during the COVID-19 Pandemic [Conference presentation]. *Association for Education in Journalism & Mass Communication (AEJMC) Conference*, Detroit, MI, United States.
- **Shao, A.**, Xenos, M., (2022, Aug). Thematic and Semantic Shifts of Human Gene Editing in News Coverage through the CRISPR Baby Scandal. [Poster presentation]. *Association for Education in Journalism & Mass Communication (AEJMC) Conference*, Detroit, MI, United States.
- **Shao, A.**, Chen, K., Duan, Z., Yang, S. (2022, Jun). The Reproductive Dynamics of Moral Appeal Expression on Social Media – Examining Public Discourse of COVID-19 Issues on Twitter. Abstract submitted to *ICA 2022 Regional Conference: Computational Communication Research in Central and Eastern Europe*
- Yang, S., Duan, Z., Chen, K., **Shao, A.**, (2022, May) Differentiating Discrete Moral Appeals in Predicting Online Communicative Actions: Analyzing A Two-Week Firehose Archival of COVID-19 Tweets. Paper to be presented at *72nd Annual International Communication Association Conference*
- **Shao, A.**, Bao, L., Wirz, C., Monroe, H., Chen, K. (2021, Dec). “They are Facing a Catastrophe”: Polarization and its trends in news coverage of COVID-19 case updates between the U.S. and China [Conference poster]. *SRA 2021 Annual Meeting*, Virtual
- **Shao, A.** (2021, Aug. 13). Influencers Alleviate Spiral of Silence, but Levitate Public Opinion Polarization? Preliminary Observations from an Agent Based Modeling Approach [Conference presentation]. *Fourth Annual Politics and Computational Social Science (PaCSS) Conference*, Virtual
- Chen, K., **Shao, A.**, Jin, Y., (2021) “I Am Better Than You”: How Nationalism Strengthens Misperceptions. Accepted by *71st Annual ICA Conference, Engaging the Essential Work of Care: Communication, Connectedness, and Social Justice*. Virtual.
- Wirz, C. D., **Shao, A.**, Monroe, H. L., Howell, E. L., Bao, L., & Chen, K. (2020, December). Media systems and attention cycles: Trends and topics in news coverage of COVID-19 across the U.S., UK, Canada, and China. Paper presented at the *annual convention of the Society for Risk Analysis (SRA)*. Virtual.
- **Shao, A.**, Chen, K., Jin, Y., (2021, August), 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. Paper presented at the *Association for Education in Journalism and Mass Communication (AEJMC) annual conference*. Virtual.
- Yang, S., Newman, T. P., Brossard, D., Bao, L., Mueller-Herbst, J. M., Okada, T., **Shao, A.**, Scheufele, D. A., & Xenos, M. A. (2021, May). Signs of March for Science: Did they tell the right story? Paper presented at *the Public Communication of Science and Technology (PCST) conference*, Aberdeen, Scotland.
- 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. *2020 World Conference on Scientific Literacy: Special session “Scientific Literacy and public health crisis”*. Virtual.
- Howell, E. L., **Shao, A.**, Wirz, C. Monroe, H., Bao, L., & Chen, K. (2020, December). Public opinion & news coverage of COVID-19: Risks & responsibility in U.S. perceptions of the pandemic. Paper presented at the *annual convention of the Society for Risk Analysis (SRA)*. Virtual.
- **Shao, A.** (2020, Nov). Echoing Inside or Beyond the Walls: The #SciComm Discussion on Twitter. Paper presented at *106th National Communication Association (NCA) annual convention*. Virtual

- Meppelink, C, Hendriks H, Trilling D, **Shao A**, Van Weert J and Smit E (2019), Misinformation or not? Using supervised machine learning to automatically distinguish correct information from misinformation about vaccines. In *Etmaal van de Communicatiewetenschap*.
- **Shao Anqi**, Corine Meppelink, Eline Smit, Damian Trilling, Julia Weert and Hanneke Hendriks (2019), Automatically distinguishing correct information from misinformation about vaccines: a supervised machine learning approach. In *the 69th Annual International Communication Association (ICA) Conference*.

Professional services

- "Implementation and Ethics of Automated Online Data Collection." Invited talk at CMRG Brownbag, University of Wisconsin – Madison, School of Journalism and Mass Communication, March 2023.
- Invited manuscript reviewer for *Scientific Reports*, February 2023.

Volunteer services

- Crisis Text Line, Volunteer Counselor, June 2022 – Current

Personal Skills and Certificate

- Certificate: Coursera Certificate in Neural Networks and Deep Learning and in Improving Deep Neural Networks.
- Language: Chinese (simplified & traditional); English; Japanese; Spanish
- Coding Skills: SPSS, R (Data processing & visualization, multivariate statistical inference, network analysis), Minitab, Python (web scraping, natural language processing in English & Chinese, machine learning), Gephi, NetLogo, HTML
- Other Skills: Adobe Photoshop, Adobe Audition, Adobe After Effects

