

Xun “Sunny” Liu

Curriculum Vitae

Social Media Lab
Department of Communication
Stanford University
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Education

Ph.D. in Mass Media, May, 2008

Department of Telecommunication, Information Studies, and Media, Michigan State University, East Lansing

M.A. in Communication, July 2002

School of Journalism and Communication, Renmin University of China, Beijing, China
Emphasis in communication theory

B. A. in Advertising, July 2000

School of Journalism and Communication, Renmin University of China, Beijing, China

University Appointments

- **2023- Present:** Director of Research, Social Media Lab, Department of communication, Stanford University
- **2022- Present:** Research Scholar, Cyber Policy Center, Stanford University
- **2016-Present** Associate Director, Social Media Lab, Department of communication, Stanford University
- **2013-2019** Associate Professor, Department of Communication Studies, California State University, Stanislaus
- **2007-2013** Assistant Professor, Department of Communication Studies, California State University, Stanislaus

Selected Peer-Reviewed Publications

- **Liu, S. X.,** & Hancock, J. (Under review) Social Robots Are Good for Me, but Better for Other People: The Implicit Avoidance Effect of Social Robot Perceptions.
- **Liu, S. X.,** Shen, Q., & Hancock, J. (Under review) Situating Parenting and Technology Styles Within Social Class: Social Class-Based Phone Orientations.
- Lee, A., **Liu, S. X.,** & Hancock, J. (Under review) I’m not addicted to social media, but you are: Investigating the third-person effect in social media mindsets.
- Schreurs, L., Lee, A., **Liu, S. X.,** & Hancock, J. (2024) When adolescents’ self-worth depends on their social media feedback: A longitudinal investigation with depression symptoms. *Communication Research*.

- Lee, A., Schreurs, L., **Liu, S. X.**, & Hancock, J. (2024) What makes social media use enhancing or harmful? Understanding social media use and youth well-being. In Harrison, V., Collier, A., Adelsheim, S. (Ed.) *Social Media and Youth Mental Health: A Public Health Perspective*.
- **Liu, S.X.**, Shen, Q., & Hancock, J. (2024) But Is It for Us? An Analysis of Perceptions, Concerns, and Physical Preferences of Social Robots from Chinese Rural Elders. *New Media & Society*.
- Park, J., Hallman, J. **Liu, S. X.**, & Hancock, J. (2023) Black Representation in Social Media Well-Being Research: A Scoping Review of Social Media Experience and Psychological Well-being Among Black Users in the United States, *New Media & Society*.
- Karinshak, E., **Liu, S. X.**, Park, J. S., & Hancock, J. T. (2023). Working With AI to Persuade: Examining a Large Language Model's Ability to Generate Pro-Vaccination Messages. *Proceedings of the ACM on Human-Computer Interaction*, 7(CSCW1), 1-29.
- Queiroz, A., McGivney, E., **Liu, S. X.**, Anderson, C., Beams, B., DeVaux, C., ... & Bailenson, J. N. (2023, April). Collaborative Tasks in Immersive Virtual Reality Increase Learning. In *Proceedings of the Proceedings of the 16th International Conference on Computer-Supported Collaborative Learning*.
- Hancock, J., **Liu, S. X.**, Luo, M., Mieczkowski, H. (2022). Social Media and Well-Being., In Matz, S. (Ed.) *The Psychology of Technology: Social Science Research in the Age of Big Data*. American Psychological Association.
- Weiss, D., **Liu, S. X.**, Mieczkowski, H., & Hancock, J. (2022). Perceptions of AI Use and Language Status in Job Applications, *Cyberpsychology, Behavior, & Social Networking* <https://doi.org/10.1089/cyber.2020.0863>
- **Liu, S. X.**, Shen, Q., & Hancock, J. (2021) Can a Social Robot Be Too Warm or Too Competent? Older Chinese Adults' Perceptions of Social Robots and Vulnerabilities, *Computers in Human Behavior*.
- Goldenthal, E , Park, J., **Liu, S. X.**, Mieczkowski, H., Hancock, J. (2021, December). Not All AI Are Equal: Exploring the Accessibility of AI-Mediated Communication Technology. *Computers in Human Behavior*. <https://doi.org/10.1016/j.chb.2021.106975>
- **Liu, S. X.**, Arredondo, E., Mieczkowski, H., Hancock, J., Reeves, B. 2021. A picture is (still) worth a thousand words: The impact of appearance and characteristic narratives on people's perceptions of social robots. In Engel, U., Quan-Haase, A., Liu, S.X. & Lyberg, L. (Ed.) *Routledge Handbook of Computational Social Science* (Vol. 1). Taylor & Francis. <https://doi.org/10.4324/97810030245835>.
- **Liu, S.X.**, Tumolo, M., Biedendorf, J. (2021) "Content Analysis of Web-Based Information, Social Support and Disease Framing of Klinefelter Syndrome and Down Syndrome—Different Syndromes, Similar Termination Rates", *Health Communication*.
- Reeves, B., Hancock, J. & **Liu, S. X.** (2020). Social robots are like real people: First impressions, attributes, and stereotyping of social robots. *Technology, Mind, and Behavior*, 1(1).
- Mieczkowski, H., **Liu, S. X.**, Hancock, J., & Reeves, B. (2019, March). Helping Not Hurting: Applying the Stereotype Content Model and BIAS Map to Social Robotics. In 2019 14th ACM/IEEE International Conference on Human-Robot Interaction (HRI) (pp. 222-229). IEEE.

- Wei, R., **Liu, S. X.** & Liu, X. (2019), Examining the Perceptual and Behavioral Effects of Mobile Internet Fraud: A Social Network Approach, *Telematics and Informatics*. doi: <https://doi.org/10.1016/j.tele.2019.04.002>.
- Wei, R., & **Liu, S.X.** (2019). Insights into the psychology of mobile apps as the new home screen: Evidence from cutting-edge research in Chinese societies, *Chinese Journal of Communication*, 12(1), 1-6.
- DeVito, M.A., Birnholtz, J., Hancock, J.T., French, M., and **Liu, X.** (2018) How People Form Folk Theories of Social Media Feeds and What It Means for How We Study Self- Presentation. Proceedings of the Annual ACM Conference on Human Factors in Computing Systems, in press.
- **Liu, X.**, Zheng, P., Liang, X. (2016). A Content Analysis of Research on China in Top-ranked Communication Journals from 1995-2014: Comparing that with the rest of Asia. *Asian Journal of Communication* 26 (6).
- **Liu, X.**, Burroughs, N., Harvey, V., & Tian Q. (2016) The Impact of Smartphone on Student Connectedness and Out-of-class Involvement. *Electronic Journal of Communication* (26)3-4.
- Zheng, P., Liang, X., Huang, G., & **Liu, X.** (2016). Communication technology research in Asia: Defining and mapping the field in two decades. *Asian Journal of Communication* 26 (6).
- **Liu, X.**, Liu, X., & Wei, R. (2014). “Maintaining social connectedness in a fast-changing world: Examining the effects of mobile phone uses on loneliness among teens in Tibet”. *Mobile Media & Communication*, 2(3), 318-334.
- **Liu, X.** (2010). Empirical Testing of a Theoretical Extension of the Technology Acceptance Model: An Exploratory Study of Educational Wikis, *Communication Education*, 59(1), 52-69.
- **Liu, X.** (2010). Online Posting Anxiety: Impacts on Blogging, *Chinese Journal of Communication*, 3(2), 202-222.
- **Liu, X.** & Lee, S. (2010). Comparing China’s State-Owned English-Language and Chinese-Language Newspapers, in Mody, B *The Geopolitics of Representation in Foreign News: Explaining Darfur*, Rowman and Littlefield (**Best Book of 2010 Award, International Communication Association, Division of Global Communication and Social Change**).
- **Liu, X.** (2009) “A WWW (Wiki Wiki Way) of Teaching”. *Faculty Voices*, VII, 42-46.
- **Liu, X.** & LaRose, R. (2008). Does Using the Internet Make People More Satisfied with Their Lives?--The Effects of the Internet on College Students’ School Life Satisfaction. *CyberPsychology & Behavior*, 11(3), 210-230.
- **Liu, X.** & Zhang, J. (2005). From Hidden Corner to Front Page: The People’s Daily’s framing of AIDS from 1985-2003. *China Media Research*, 1 (1), 27-42.

International and National Conference Papers

- Hancock, J., Stevic, A., & **Liu, S. X.** (2024), AI-Mediated Communication and the Self in the Context of Online Dating, Paper accepted at International Communication Association Annual Conference.
- **Liu, S. X.**, Bagga, G., Schreurs, L., Defjan, B., Bunch, A., Moore, H.& Hancock, J. (2024) Adolescents’ Journey Through Short Video Platforms: Information

- Consumption and Content Assessment, Paper accepted at International Communication Association Annual Conference.
- Stevic, A., Lee, A., **Liu, S. X.** & Hancock, J. (2024), Of Loving and Losing: Influence of Dating App Motivations and Perceived Success on Psychological Well-Being, Paper accepted at International Communication Association Annual Conference.
 - **Liu, S. X.**, Luo, Y., Hu, Z., Tan, Y., & Lei, L. (2024) A Small and Consistent Effect: The Association Between Online Harmful Content Exposure and Aggressive Behavior Among Adolescents in Rural China, Paper accepted at International Communication Association Annual Conference.
 - Zhang, R., Shen, Q., & **Liu, S. X.** (2024) The Companion Speaker for Little Brother and The Noise Amplifier for Old Brother: The Use of Social Robots for Children in Chinese Families, Paper accepted at International Communication Association Annual Conference.
 - Jia, C., Li, J., **Liu, S.X.**, Tang, L., Bagdasarian, T., Baird, C., Vaughan, C. M. & Hancock, J. (2024) Averse Towards AI or Human? A Meta-Analysis of Impacts of Task Objectivity and Agent Characteristics on Algorithm Appreciation and Aversion, Paper accepted at International Communication Association Annual Conference.
 - Jia, C., Lee, A., Moore, R., Decatur, C., Qiu, T., **Liu, S.X.**, & Hancock, J. (2024), Group Discussion Improves Detection of Misinformation on Social Media, Paper accepted at International Communication Association Annual Conference.
 - **Liu, S. X.**, Purpur, A., Hallman, J., Takahashi, T., & Hancock, J. (2023) Gen Zs and Future of Work. Paper presented at National Communication Association Annual Conference.
 - Lee, A., **Liu, S.X.**, & Hancock, J. (2023) Examining the impact of social media mindset (mis) alignment on well-being in the parent-child relationship. Paper presented at National Communication Association Annual Conference.
 - Lee, A., Moore, R., Jia, C., **Liu, S.X.**, & Hancock, J. (2023) Motivation matters: A field experiment to incentivize voluntary participation in educational misinformation resilience interventions. Paper presented at National Communication Association Annual Conference.
 - Liu, Y., Guan, X., Ren, X. Shen, Q., & **Liu, S.X.** (2023) The contrary game of norm and freedom: Chinese older adults' expectations, imaginations and concerns about social robots. Paper presented at National Communication Association Annual Conference. **Top 4 student paper for the Human Communication and Technology Division.**
 - **Liu, S. X.**, Purpur, A., Lynch, J., Hallman, J. Bagga, G., Kang, J., Takahashi, T., Hancock, J. (2023) Does Gen Z Assume Doom? Predictions of Future of Work With AI and Robots. Paper presented at International Communication Association Annual Conference.
 - Schreurs, L., Lee, A., **Liu, S. X.**, & Hancock, J. (2023) When adolescents' self-worth depends on their social media feedback: A longitudinal investigation with depression symptoms. Paper accepted by International Communication Association Annual Conference.
 - **Liu, S.X.**, Lee, A., Hancock, J. (2023) Social Robots Are Good for Me, but Better for Other People: The Implicit Avoidance Effect of Social Robot Perceptions. Paper accepted by International Communication Association Annual Conference.

- Lee, A., **Liu, S. X.**, & Hancock, J. (2023) I'm not addicted to social media, but you are: Investigating the third-person effect in social media mindsets. Paper accepted by International Communication Association Annual Conference.
- Mason, C., **Liu, S. X.**, Hancock, J. (2023) Do Smart Replies Prime Language in Email? Examining the Influence of AI-Generated Language on Human-Generated Language in Interpersonal Email Communications. Paper accepted by International Communication Association Annual Conference.
- **Liu, S.X.**, Takahashi, T., Hancock, J., (2023) From cleaning the house to serving as a mayor, young people's perceptions of the roles of AI and Robots in the U.S. Paper accepted by International Association for Media and Communication Research (IAMCR) annual conference.
- Park, J., Hallman, J. **Liu, S. X.**, & Hancock, J. (2022) Black Representation in Social Media Well-Being Research: A Scoping Review of Social Media Experience and Psychological Well-being Among Black Users in the United States. Paper accepted by National Communication Association Annual Conference.
- **Liu, S. X.**, Shen, Q., & Hancock, J. (2022) Situating Parenting and Technology Styles Within Social Class: Social Class-Based Phone Orientations, Paper accepted by International Communication Association Annual Conference.
- Lu, Y., **Liu, S. X.**, Hancock, J. (2022) Computational Approaches to Understanding Credibility in Video-Based Misinformation: An Analysis of COVID-19 Content on TikTok, Paper accepted by International Communication Association Annual Conference.
- Karinshak, E., **Liu, S.X.**, Park, J., Hancock, J. (2022), Can AI Persuade? Examining A Large Language Model's Ability to Generate Pro-Vaccination Messages, Paper accepted by International Communication Association Annual Conference.
- **Liu, S.X.**, Shen, Q., & Hancock, J. (2021) A Real Advancement in Technology and Science, but Is It for Us? An Analysis of Perceptions, Concerns, and Physical Preferences of Social Robots from Chinese Rural Elders, To be presented at the 71st Annual ICA Conference: Engaging the Essential Work of Care: Communication, Connectedness, and Social Justice. Virtual.
- Weiss, D., **Liu, S. X.**, Mieczkowski, H., & Hancock, J. (2021). Perceptions of AI Use and Language Status in Job Applications To be presented at the 71st Annual ICA Conference: Engaging the Essential Work of Care: Communication, Connectedness, and Social Justice. Virtual.
- Goldenthal, E., **Liu, S. X.**, Park, J., Mieczkowski, H., Hancock, J.(2021). Not All AI Are Equal: Exploring the Accessibility of AI-Mediated Communication Technology. To be presented at the 71st Annual ICA Conference: Engaging the Essential Work of Care: Communication, Connectedness, and Social Justice. Virtual.
- **Liu, S. X.** & Hancock, J. (2020). People Don't Ostracize People, Phones Do: Attributional Dynamics for Ostracism Associated with Phubbing. Paper accepted at International Communication Association (ICA) 70th annual conference, Gold Coast, Australia.
- **Liu, S. X.**, Shen, Q., Hancock, J., Shen, C., & Wang, L. (2020) Can a Social Robot Be Too Warm or Too Competent? Older Chinese Adults' Perceptions of Social Robots and Vulnerabilities Paper accepted in International Communication Association (ICA) 70th annual conference, Gold Coast, Australia.

- Hancock, J.T., **Liu, S.X.**, French, M., Luo, M., & Mieczkowski, H. (2019). Social Media Use and Well-Being: A Meta-Analysis, 69th Annual International Communication Association Conference, Washington, D.C.
- **Liu, S.X.**, Arredondo, E., Mieczkowski, H., Hancock, J.T., & Reeves, B. (2019). A picture is (still) worth a thousand words: The impact of appearance and characteristic narratives on people’s perceptions of social robots, 69th Annual International Communication Association Conference, Washington, D.C.
- **Liu, X.**, French, M., Hancock, J. (2018) “How Does Social Media Use Affect Well-Being? Overall, it Doesn’t! A Meta-Analysis of the Relationship Between Social Media Use and Well-Being”, paper accepted by International Communication Association annual conference.
- **Liu, X.**, Tumolo, M., Biedendorf, J. (2018) “Content Analysis of Web-Based Information, Social Support and Disease Framing of Klinefelter Syndrome and Down Syndrome—Different Syndromes, Similar Termination Rates”, paper accepted by International Communication Association annual conference.
- **Liu, X.**, Wei, R., & Liu, X. (2018) “What will make you less concerned about mobile internet fraud? –The Mediating Roles of Social Support and Social Presence”, paper accepted by International Communication Association annual conference.
- Wei, R., **Liu, X.**, & Liu, X., (2018) “Coping With Widespread Mobile Internet Fraud: A Social Network Approach”, paper accepted by International Communication Association annual conference.
- French, M., Hancock, J., **Liu, X.**, Birmholtz, J., DeVito, M. (2018) “Confronting the Unexpected: The Nature and Effects of Attributing Responsibility to Social Media Platforms for Expectancy Violations”, paper accepted by International Communication Association annual conference.
- **Liu, X.**, Hilpert, F., Doraz, W., Shi, L. (2016). “A Cross-Culture Study of Impact of Mobile Phone Use on Loneliness among Older Adults”, paper accepted by International Communication Association annual conference.
- **Liu, X.**, Zheng, P., Liang, X. (2015) “A Content Analysis of Research on China in Top-ranked Communication Journals from 1995-2014: Comparing that with the rest of Asia.” Paper presented at Association for Education in Journalism and Mass Communication conference, San Francisco.
- **Liu, X.** (2014) “Can Smartphones Help the Poor? Examining the Usage and Impacts of Smartphones among Low-income Women”. Paper presented at Broadcast Education Association Annual Conference. **Top 2 Faulty Paper Award**
- **Liu, X.** (2013) “That’s Not Acceptable? – Social Norms of Mobile Technology Use in the Classroom”. Paper to be presented at National Communication Association 2013 Annual Conference.
- Liu, X., **Liu, X.**, Wei, R. (2013) “Bringing Social Ties into an Isolated World: Examining the Use and Effects of Cell Phone Uses on Loneliness among Tibetan Teens”. Paper to be presented at National Communication Association 2013 Annual Conference.
- **Liu, X.** (2012) “Mobile Apps as a Way of Learning”. Paper to be presented at the National Communication Associations, Orlando, FL, November 2012.

- **Liu, X.** & Qing, T. (2012) “A Jewel I Wear—Examining the Usage and Impacts of Smartphone among Low-income Women.” Paper presented at National Communication Association 2012 Annual Conference.
- **Liu, X.**, Burroughs, N., Harvey, V., & Tian Q. (2012) Ban it or Use it? ---The Impact of Smartphone on Student Connectedness and Out-of-class Involvement. Paper presented at Association of Journalism and Mass Communication Annual Conference, Technology and Human Communication Division, Chicago, IL, August, 2012.
- **Liu, X.** & Burroughs, N. (2011). The Effects of Social Network Site Use on Perceived Social Support. Paper presented at the National Communication Association, Human Communication and Technology Division, New Orleans, LA, November 2011.
- Burroughs, N. F., & **Liu, X.**, (2011). Can you hear me know? Listening to voices of adult and non-traditional students as they balance the load they carry as compared to traditionally aged students on our college and university campuses and in our classrooms. Paper to be presented at the National Communication Associations, New Orleans, LA, November 2011.
- **Liu, X.** & Zhang, Y. (2011). A Little World in My Hand—The Use of Smartphones among Low-income Minority Women. Paper presented at Communication Technology Division, Association of Journalism and Mass Communication 94th Annual Conference, St. Louis, MO. **Top 4 Faculty Paper Award**
- Mody, B. & **Liu, X.** (2011). The Influence of The Intended Audience on the Design of Foreign News, paper presented at the International Communication Association, Communication and Technology Division, Boston, May. Journalism Division. **Top 2 Faculty Award**
- Burroughs, N. & **Liu, X.** (2010). Building Models and Bridges for English as a Second Language First-Generation College Students and Faculty in the Classroom. Paper accepted by the National Communication Association, Undergraduate College and University Division, San Francisco, November.
- **Liu, X.** (2009). To Blog or Not to Blog, That is the Question: The Role of Personality, Cognition, and Emotion on Blogging Intentions. Paper accepted by the National Communication Association, Communication and Social Cognition Division, Chicago, November.
- **Liu, X.** & Lei, W. (2009). Wiki Use and Adoption in the Classroom; Understanding Educational Wikis with the Technology Acceptance Model. Paper accepted by the National Communication Association, Human Communication and Technology Division, Chicago, November.
- **Liu, X.** (2008). Online Posting Anxiety: Its Impacts on Blogging. Paper presented at the National Communication Association, Communication Apprehension and Competence Division, San Diego, November.
- **Liu, X.** (2008). The Impact of Perceived Audiences on Blogging. Paper presented at the National Communication Association, Human Communication and Technology Division, San Diego, November.
- **Liu, X.** (2008) “The Effects of Wikis on Course Material Comprehension in Communication Classrooms”. Paper presented at the National Communication Association, Undergraduate College & University Division, San Diego, November
- **Liu, X.** (2008). *i*-Anxiety: Its Impacts on Blogging. Paper presented at the International Communication Association, Communication and Technology Division, Montreal, May.

- **Liu, X., & LaRose, R. (2008).** A Social Cognitive Perspective on Blogging: Comparing the U.S. and China. Paper presented at the International Communication Association, Communication and Technology Division, Montreal, May.
- **Liu, X. (2007).** A Personalized Media in a Collectivism Country--Chinese Bloggers Perceptions of Blogging Self-efficacy, Outcome Expectations and I-Anxiety. Paper presented at the International Communication Association, International and Development Communication Division, San Francisco, May.
- **Liu, X., & LaRose, R. (2007).** Computers Are People, Too--A New Perspective of Human-Computer Interaction. Paper presented at the International Communication Association, Communication and Technology Division, San Francisco, May.
- **Tian, Q., & Liu, X. (2006).** Exploring Identity through Blogging: A Content Analysis of Adolescents' Blogs. Paper presented at National Communication Association, Human Communication and Technology Division, San Antonio, TX, November.
- **Liu, X., & Lee, S. (2006).** Reporting a Humanitarian Tragedy: A Framing Analysis of Chinese Newspaper Coverage of Darfur. Paper presented at Association for Education in Journalism and Mass Communication, International Communication Division, San Francisco, CA, August.
- **Liu, X., & LaRose, R. (2006).** Does Using the Internet Make People More Satisfied With Their Lives? Paper presented at the International Communication Association, Communication and Technology Division, Dresden, German, June.
- **Liu, X., & LaRose, R. (2005).** Are You a Different Person Online? The Effects of Online Experience on Personality. Paper presented at the International Communication Association, Communication and Technology Division, New York City, NY, May.
- **Liu X., Diddi, A., Tian Q., & Liu. D. (2005).** A Cross-cultural Adaptation and Feminist Perspective of the Lives of Chinese F2s--Discourse of F1-F2 in the Cyberworld. Paper presented at the International Communication Association, Feminist Scholarship Division, New York City, NY, May.
- **Liu, X., Liu, D., Zhang, Y., Zhang, J. (2005).** From Hidden Corner to Front Page: The People's Daily's framing of AIDS from 1985-2003. Paper presented at the International Communication Association, International and Development Communication Division, New York City, NY, May.
- **LaRose, R., Rifon, N., Liu, X., & Lee, D. (2005).** Online Safety Strategies: A Content Analysis and Theoretical Assessment. Paper presented at the International Communication Association, Communication and Technology Division, New York City, NY, May.
- **LaRose, R., Rifon, N., Liu, X., & Lee, D. (2005).** Understanding Online Safety Behavior: A Multivariate Model. Paper presented at the International Communication Association, Communication and Technology Division, New York City, NY, May
- **Liu, X. (2004).** A China Man in Space: The Role of Nationalism and Commercialism in China's Satellite Program. Paper presented at the International Communication Association, International and Development Communication Division, New Orleans, LA, May.

Awards and Honors

- Service Award, Chinese Communication Association, August, 2020
- Service Award, Chinese Communication Association, August, 2014

- California State University Scholarship to for ICPSR, University of Michigan
July, 2012
- 2012 Chair's Award, Department of Communication Studies, California State
University, Stanislaus. May. 2012
- Nominee, Elizabeth Anne B. Papageorge Award for Excellence in Teaching,
California State University, Stanislaus. Nov.2011
- AEJMC Technology and Human Communication Division TOP4 Faculty Paper
Award Aug. 2011
- ICA Journalism Division TOP 2 Faculty Paper Award May. 2011
- Nominee, Elizabeth Anne B. Papageorge Award for Excellence in Teaching,
California State University, Stanislaus. Nov.2010
- Dissertation Completion Fellowship: \$6000 May 2006