Eugene Jang

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Education

University of Southern California, Los Angeles, USA   2020–
Annenberg School for Communication and Journalism
PhD Candidate, Graduation Expected May 2025 (GPA: 4.0/4.0)

> ***Dissertation***: How Social Media Affordances Affect the Network Structure of Online Social Support: A Comparative Study of Twitter and Reddit's Long COVID Support Community
> ***Committee***: Drs. Lindsay Young (Co-chair), Robin Stevens (Co-chair), Jennifer A. Petersen

Seoul National University, Seoul, South Korea   2017–2019
M.A. in Communication (GPA: 4.03/4.3)

Seoul National University, Seoul, South Korea   2011–2016
B.A. in Communication, *summa cum laude* (GPA: 3.92/4.3)

Erasmus University, Rotterdam, Netherlands   2013–2014
Exchange student at Erasmus School of History, Culture and Communication

Research Interests

health communication, science & technology studies (STS), artificial intelligence (AI), social/digital media, health/social equity, social network analysis, computational social science

Publications

Peer-reviewed Journal Articles

Jang, E. (In Press). When faulty AI falls in the wrong hands: The risks of erroneous AI-driven healthcare decisions. *International Journal of Communication*.

Young, L. E., Nan, Y., **Jang, E.**, & Stevens, R. (2023). Digital epidemiological approaches in HIV research: A scoping methodological review. *Current HIV/AIDS Reports*, *20*, 470–480. https://doi.org/10.1007/s11904-023-00673-x

Jang, E., Baik, J. S., & Fischer, K. (2023). Contact tracing apps as boundary objects of pandemic governance: The state-by-state approach to contain the spread of COVID-19 in the US. *International Journal of Communication*, *17,* 1737–1758. https://ijoc.org/index.php/ijoc/article/view/19621

Yang, A., Jieun, S., Kim, H. M., Zhou, A., Liu, W., Huang-Isherwood, K. M., **Jang, E.**, Sun, J., Lee, E., Yafei, Z., & Chuqin, D. (2022). Who says what in which networks: What influences social media users' emotional reactions to the COVID-19 vaccine infodemic? *Social Science Computer Review*, *41*(6), 1986–2009. https://doi.org/10.1177/08944393221128940

Baik, J. S., & **Jang, E.** (2022). Where horizontal and vertical surveillances meet: Sense-making of US COVID-19 contact tracing apps during a health crisis. *Mobile Media & Communication*, *10*(3), 468–486. https://doi.org/10.1177/20501579221078674

Jang, E., Park, S., Lee, J., & Hong, S. (2019). Beautiful and masculine: Male make-up YouTubers and heteronormativity in South Korea. *The Journal of Popular Culture, 52*(3), 678–702. https://doi.org/10.1111/jpcu.12803

Peer-reviewed Conference Proceedings

Guo, S., He, Z., Rao, A., **Jang, E.**, Nan, Y., Morstatter, F., Brantingham, J., & Lerman, K. (2023). Measuring online emotional reactions to events. In *Proceedings of the 2023 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining* (pp. 315–319). https://doi.org/10.1145/3625007.3627477

Felkner, V., Chang, H., **Jang, E.**, & May, J. (2023). WinoQueer: A community-in-the-loop benchmark for anti-LGBTQ+ bias in large language models. In A. Rogers, J. Boyd-Graber, & N. Okazaki (Eds.), *Proceedings of the 61st Annual Meeting of the Association for Computational Linguistics* (pp. 9126–9140). https://aclanthology.org/2023.acl-long.507

Whitepapers

Yang, Y., Baik, J. S., Ahn, S. & **Jang, E**. (2020). Tracing Digital Contact Tracing: Surveillance Technology and Privacy Rights During COVID-19 in China, South Korea, and the United States. http://dx.doi.org/10.2139/ssrn.3743491

Manuscripts under Review

Jang, E., Nan, Y., Chang, HCH., & Young. L. E. (Under Review) *Examining the Network Structure of Online Social Support on Twitter* (modified title).

Manuscripts in Preparation

Young, L., **Jang, E.**, Lee, E., Baird, A., Nan, Y., & Tang, J. L. (In preparation). *Tweeting Out for Black Trans Life: Digital Grassroots Witnessing of the Epidemic of Fatal Violence Against Black Transgender People*.

Repetto, A., **Jang, E.**, Kinzer, H., & Wang, M. (In preparation). *Narratives around Health Disparity Among Racial Minority Groups on Twitter*.

Huang-Isherwood, K. M., **Jang, E.**, Kim, S. S., Jung, S., & Drivas, M. (In preparation). *Birds of a Feather Play Together: Individualism, Player Homophily, and Well-Being in a Massively Multiplayer Online Mobile Game*.

Conference Presentations

Jang, E. (presenter), Nan, Y., Chang, H., & Young. L. E. (2024, November). Disentangling the Network Structure of Online Social Support: A Multilayer Network Analysis of the Twitter Long COVID Community. Health Communication Division at the 108th Annual Convention of the National Communication Association (NCA). New Orleans, LA.

Jang, E. (presenter), Kinzer, H., Repetto, A., & Wang, M. (2024, July). Social Media Agendas and Research Agendas around Racial/Ethnic Health Disparities. The 10th International Conference on Computational Social Science (IC^2S^2). Philadelphia, PA.

Repetto, A., **Jang, E.** (presenter), Kinzer, H., & Wang, M. (2024, June). Narratives around Health Disparity Among Racial Minority Groups on Twitter. Health Communication Division at the 74th

Annual Conference of the International Communication Association (ICA). Gold Coast, Australia.

Young, L., **Jang, E.**, Lee, E., Baird, A., Nan, Y., & Tang, J. L. (2024, June). Tweeting Out for Black Trans Life: Digital Grassroots Witnessing and Networked Framing of the Epidemic of Fatal Violence Against Black Transgender People. Theme Session at the 74th Annual Conference of the International Communication Association (ICA). Gold Coast, Australia.

Jang, E. (presenter), Nan, Y., Wang, Y., Persaud, C. J., Arnold, L. J., Xie, L., Fischer, K., & Stevens, R. (2024, April). Comparing Offline Sexual Behavior to Online Discourse on Sex and Substance Use of Young Black and Hispanic Men. The 18th Biennial Kentucky Conference on Health Communication (KCHC). Lexington, KY.

Nan, Y., **Jang, E.**, Wang, Y., Persaud, C. J., Arnold, L. J., Xie, L., Fischer, K., & Stevens, R. (2024, April). Exploring the Relationships between Social Determinants, Personal Lifestyle Choices, and Mental Health in Black and Hispanic Men. The 18th Biennial Kentucky Conference on Health Communication (KCHC). Lexington, KY.

Huang-Isherwood, K. M., Li, Y., **Jang, E.**, Bisberg, S., & Kim, D. (2023, November). Future Time Perspective and In-Game Social Capital in Three Cultures. Game Studies Division at the 109th Annual Convention of the National Communication Association (NCA). National Harbor, MD. *Awarded Top Paper*

Nan, Y., **Jang, E.** (presenter), & Young. L. E. (2023, June). Hashtags as Discursive Agents: An analysis of hashtag co-occurrence modularity and brokerage in the Black Trans Lives Matter movement on Twitter. The 43rd Annual Conference of the International Network for Social Network Analysis (INSNA). Portland, OR.

Jang, E. (presenter), Nan, Y., Chang, H., & Young. L. E. (2023, May). The Network Structure of Informational and Emotional Support in a Twitter-Based Long Covid Support Community. Health Communication Division at the 73rd Annual Conference of the International Communication Association (ICA). Toronto, Canada.

Huang-Isherwood, K. M., **Jang, E.** (presenter), Kim, S. S., Jung, S., & Drivas, M. (2023, May). Birds of a Feather Play Together: Individualism, Player Homophily, and Well-Being in a Massively Multiplayer Online Mobile Game. Game Studies Division at the 73rd Annual Conference of the International Communication Association (ICA). Toronto, Canada. *Awarded Top Student Paper*

Jang, E. (presenter), Nan, Y., & Young. L. E. (2022, November). Hashtags as Discursive Agents: An analysis of hashtag community structure and brokerage in the Twitter Black Trans Lives Matter movement. Gay, Lesbian, Bisexual, Transgender, and Queer Communication Studies Division at the 108th Annual Convention of the National Communication Association (NCA). New Orleans, LA.

Felkner, V., Chang, H., **Jang, E.**, & May, J. (2022, July). Toward WinoQueer: Developing a Benchmark for Anti-Queer Bias in Large Language Models. 2022 Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL). Seattle, WA.

Jang, E. (presenter), Bae, I. & Lee, E. (2022, May). Good Samaritans, Bad Samaritans: How News Coverages of Immigrants' Act Affect Readers' Attitude Toward Them. Mass Communication Division at the 72nd Annual Conference of the International Communication Association (ICA). Paris, France.

Baik, J. S., & **Jang, E.** (presenter) (2022, May). Where horizontal and vertical surveillances meet: Sense-making of US COVID-19 contact tracing apps during a health crisis. Mobile Communication Interest Group at the 72nd Annual Conference of the International Communication Association (ICA). Paris, France.

Yang, A., Kim, H. M., Zhou, A., Liu, W., Huang-Isherwood, K. M., **Jang, E.,** Sun, J., Lee, E., Zhang, Y., Dong, C., & Shin, J. (2022, May). Are you anxious or enthusiastic about COVID-19 vaccines?

Understanding publics' emotional reactions to misinformation and corrective messages through machine learning. Health Communication Division at the 72nd Annual Conference of the International Communication Association (ICA). Paris, France.

Jang, E. (presenter), Fischer, K., & Baik, J.S. (2021, November). Between Public Health and Privacy: A Critical Examination of Statewide Contact Tracing Apps as Boundary Objects of Pandemic Governance. Association for the Rhetoric of Science, Technology, and Medicine (ARSTM) Division at the 107th Annual Convention of the National Communication Association (NCA). Seattle, WA. ***Presented at the ARSTM Top Paper Panel***

Baik, J. S., Yang, Y., **Jang, E.**, & Ahn, S. (2021, May). Tracing Digital Contact Tracing: Surveillance Technology and Privacy Rights During COVID-19 in China, South Korea, and the United States. Communication & Technology Division at the 71st Annual Conference of International Communication Association (ICA). Virtual.

Lee, E., & **Jang, E.** (presenter) (2020, May). From Selective Exposure to Opinion Polarization: How Perceived Public Opinion and User Choice Moderate the Effects of Partisan News. Mass Communication Division at the 70th Annual Conference of International Communication Association (ICA). Virtual.

Jang, E. (presenter) (2019, May). How Do South Korean Films Attract Female Audiences Through Male Genre? The 60th Anniversary Conference for Korean Society for Journalism & Communication Studies. Gwangju, South Korea.

Jang, E. (presenter) (2018, August). Construction of "Pretty Boy" Masculinity in Korean Buddy Films. Preconference for the 12th Association for Cultural Studies: Crossroads in Cultural Studies. Shanghai, China.

Jang, E. (presenter) (2017, November). Representation of 'Male Body' in Korean Film and Female Spectatorship. The University of Tokyo-Seoul National University-National Chengchi University Symposium. Tokyo, Japan.

Honors and Awards

Doctoral Study Abroad Fellowship, Korea Foundation for Advanced Studies ($65,000)   2020–2025

Graduate School Endowed Fellowship, University of Southern California ($40,500)   2024–2025

Top Paper Award   2023
Game Studies Division, National Communication Association (NCA)

Top Student Paper Award   2023
Game Studies Division, International Communication Association (ICA)

Top Paper Award   2021
Association for the Rhetoric of Science, Technology, and Medicine Division, National Communication Association (NCA)

Research Grants (≥ $1000)

USC Annenberg Graduate Fellows Journal Article Workshop Award ($1,000)   2024

USC Annenberg Summer Research Grant ($2,000)   2023

USC Annenberg Graduate Fellowship Research and Creative Project Symposium ($2,600)   2022–2024

USC Graduate Student Government Professional Development Fund ($1,000)   2022–2023

USC Annenberg Summer Education Grant ($2,000)   2022

USC Graduate School Research/Travel Award ($1,000)   2022

USC Media as Socio-Technical Systems (MASTS) Honorarium ($1,000)   2020

Teaching Experience

Instructor of Record, University of Southern California   2024
- COMM 204 Public Speaking

Teaching Assistant (Discussion Section), University of Southern California   2023
- COMM 200 Communication and Social Sciences (Fall 2023)

Teaching Assistant, University of Southern California   2021
- COMM 309 Communication and Technology (Fall 2021)

Teaching Assistant, Big Data Institute, Seoul National University   2019
- Introductory Course on Python and MySQL

Teaching Assistant, Seoul National University   2017–2018
- 211.706 Studies in Visual Communication (Fall 2018)
- 211.669 Cultural Studies and Visual Methods (Spring 2018)
- 200.113A Understanding Communication (Spring 2018)
- M1312.001200 Media and Storytelling (Fall 2017)

Guest Lecture

Computational Social Network Analysis in Games   Feb 5, 2024
Video Games: Business, Science and Culture (Dr. Dmitri Williams), University of Southern California

Research Experience

Volunteer Research Assistant – Annenberg Network Networks   2023
Grant: Dean's Faculty Research Fund ($9,000)
- Designed survey items to measure the effects of message framing and information diversity on susceptibility to climate change disinformation

Research Assistant – Supervisor: Dr. Lindsay Young   2022
- Conducted qualitative content analysis of tweets and network analysis on hashtag co-occurrence patterns for the Black Trans Lives Matter (BTLM)

Research Assistant – Annenberg Research Network on International Communication   2022
Grant: Pew Research Center, California Emerging Technology Fund (CETF)
- Drafted policy briefs on US broadband consumer subsidy programs including California Lifeline

Research Assistant, Lab Manager – Big Data Studies Lab, Seoul National University   2019–2020
- Researched big data, data centers, and surveillance
- Coordinated lab meetings and managed general administrative tasks

Research Assistant – Institute of Communication Research, Seoul National University 2019–2020
When Rewards Become Punishment: Motivated Misattribution of Outgroup Member's Good Deeds
- Designed experimental stimuli and questionnaire to test how media coverage affects the attribution of in- and outgroups members
- Ran statistical analyses using SPSS

Research Assistant – Institute of Communication Research, Seoul National University 2018–2019
From Selective Exposure to Opinion Polarization
- Designed experimental stimuli and questionnaire to test the effects of selective exposure on opinion polarization
- Ran statistical analyses

Research Assistant – Institute of Communication Research, Seoul National University 2018
Foundation of Seoul National University (SNU) Popular Culture Archive and Research Institute
- Collected data on foreign digital/audiovisual archives

Monitor Staff – Seoul National University (SNU) Fact Check Center 2017–2018
- Reviewed fact-checking articles uploaded on SNU Fact Check website
- Drafted *Fact-checking Trend Report for 19th Korean Presidential Election*
- Proposed news items for fact-checking to Korean News Agencies

Research Affiliations

Health and Equity Media Collaborative, University of Southern California 2023–
 PI: Dr. Robin Stevens

Annenberg Game Group, University of Southern California 2021–
 PI: Dr. Dmitri Williams

Annenberg Networks Network (ANN), University of Southern California 2020–
 Co-Directors: Dr. Lindsay Young, Dr. Aimei Yang, and Dr. Marlon Twyman

Media as Socio-Technical Systems (MASTS), University of Southern California 2020–
 Co-Directors: Dr. Mike Ananny, Dr. Colin McClay

Service

Peer Reviewer: *International Journal of Communication*, *Annual International Communication Association Conference* (ICA), *National Communication Association Annual Convention* (NCA), *The International Conference on Computational Social Science* (IC^2S^2)

Professional Membership

International Communication Association (ICA)
 Health Communication, *Communication & Technology*, *Computational Methods*

National Communication Association (NCA)
 Health Communication, *Human Communication & Technology*, *Mass Communication*

Korean American Communication Association (KACA)

Special Training

Summer Institute in Computational Social Science, University of Pennsylvania (2 weeks) 2023

Inter-University Consortium for Political and Social Research (ICPSR) Summer Program in 2022

Quantitative Methods of Social Research (1 month)
  Courses: Network Analysis II, Regression Analysis II

Data Science Boot Camp, Big Data Institute, Seoul National University (1 month)   2019
  Courses: Advanced Python for Data Science, Introduction to Machine Learning and Deep Learning

Introduction to Python and MySQL, Big Data Institute, Seoul National University (4 months)   2019

Summer Program in Methods of Social Science Research, Korea Social Science Data Archive   2018
  Courses: Intermediate Statistics, Text Analysis with R (2 weeks)

Languages/Skills

Language	English (Advanced), Korean (Native)
Tools/Software	R, Python, UCINET, SPSS, NVivo, LIWC
Computer Skills	Premiere and Photoshop, Certified Microsoft Office Specialist 2007 Master