Fan Wang

Department of Communication Studies
Moody College of Communication
The University of Texas at Austin
fanwang@utexas.edu
Google Scholar Profile: https://scholar.google.com/citations?user=LFaJYfIAAAAJ&hl=en
ORCID ID: https://orcid.org/0000-0003-1909-2577

EDUCATION

The University of Texas at Austin, Austin, US
Seeking Ph.D. in Communication Studies, Aug. 2021 – May 2025 (expected)
Concentration: Interpersonal Health Communication
Advisor: Dr. Erin E. Donovan

The University of Texas at Austin, Austin, US
Seeking M.S. in Statistics, Aug. 2022 – Spring 2024 (expected)
Over 300 hours of statistical analysis and quantitative methodology coursework completed including:
SDS385: Longitudinal Data Analysis (Dr. Daniel A. Powers), EDP 380C-14: Structural Equation Modeling (Dr. Tiffany Whittaker), CMS 390S: Scale Development and Instrument Design (Dr. Dawna Ballard), EDP 380D-4: Psychometric Theory and Methods (Dr. Hyeon-Ah Kang), EDP 480C-4: Correlation and Regression (Dr. Sarah M. Collins), EDP 480C-6: Statistical Analysis: Experimental Data (Dr. Sarah M. Collins), EDP 380: Fundamentals Statistics (Dr. Anita Israni), CMS 386N: Quantitative Research Methods (Dr. Natalie Stroud)

Georgetown University, Washington D.C., US
M.A. in Communication, Culture and Technology, 2021
Thesis Title: *"Exploring the Use of Social Media as a Platform to Persuade the Public: A Comparative Study of the US and China"*
Advisor: Dr. Jeanine W. Turner

Cardiff University, Cardiff, UK
M.A. in International Journalism (Broadcast), 2014

Beijing Foreign Studies University, Beijing, China
B.A. in International Journalism and Communication, 2013

University of Ljubljana, Ljubljana, Slovenia
48th Seminar of Slovene Language, Literature and Culture, 2012

ACADEMIC APPOINTMENTS

2023 – Present	**Graduate Research Assistant**
	Department of Population Health, Dell Medical School, The University of Texas at Austin, Austin, TX, US.
	Primary Investigator: Justin F. Rousseau, M.D., MMSc
	Project: Identifying and Extracting Social Determinants of Health (SDoH) from Clinical Notes
	Responsibilities and Accomplishments:

- Undergraduate Annotator Training: Delivered training on data annotation guidelines and the use of MedTator software via Zoom.
- Manual Creation: Developed a comprehensive manual for the annotation process.
- Literature Review: Conducted an extensive literature review on multi-label and single-label annotation approaches, underlining their implications for the project.
- Data Privacy Measures: Set up and test secure library computers for annotators, ensuring patient data confidentiality.

- Algorithm Evaluation: Assisted in the design and performance evaluation of NLP algorithms for automated data extraction.
- Project Coordination: Coordinated research activities, tracked progress, and ensured project completion within timelines.

2022 – Present   **Assistant Instructor**
Department of Communication Studies, The University of Texas at Austin, Austin, TX, US.

2021 – Present   **Graduate Teaching Assistant**
Department of Communication Studies, The University of Texas at Austin, Austin, TX, US.

RESEARCH INTERESTS

- Interpersonal Health Communication
- Mental Health Communication
- Sensitive Practice
- Health-Related Messaging Strategies
- Quantitative Methods

- Patient-Centered Communication
- Self-Disclosure
- Romantic Relationships
- Social Media Data Analytics
- Computational Methods

PUBLICATIONS

Turner, J. W., **Wang, F.**, & Robinson, J. D. (2023). Stories or directives: A cross cultural comparison of governmental messages to their constituents during Covid-19. *Health Communication*, 38(6), 1224–1231. https://doi.org/10.1080/10410236.2021.1996912

- Collected 4,578 posts on Twitter and Sina Weibo with Python
- Suggested that the CDC and the NHC messaged differently, and those differences were consistent with Hofstede's conceptions of collectivist and individualistic cultures and with Hall's notions of high and low context cultures

Wang, F. (2022). Governmental persuasion strategies on social media during Covid-19: A comparative study of the US and China. *Hatfield Graduate Journal of Public Affairs*, 6(1). https://doi.org/10.15760/hgjpa.2021.6.8

- Collected coronavirus-related posts with R and Python from two national public health sectors' official accounts on Twitter (N_{CDC} = 1,630) and Sina Weibo (N_{NHC} = 3,554) in one year
- Applied Cialdini's seven principles of persuasion, found that the principle of authority was the most often used rule by the two countries, and detected the usage of the directive and non-directive messages
- Conducted a pooled time series analysis with SPSS on the number of daily posts and the number of daily positive COVID-19 cases, and provided recommendations regarding timely responses towards the development of the disease on social media

Turner, J. W., Robinson, J. D., Toman, R. E. B., **Wang, F.**, & Roett, M. (2022). Patient accounts for nonadherence: A critical window into the patient experience. *Patient Education and Counseling*, 105(9), 2934–2939. https://doi.org/10.1016/j.pec.2022.05.010

- A content analysis of 32 residents treating 99 different patients was used to reveal accounts of nonadherence
- Analysis revealed 163 accounts of nonadherence with four categories: healthcare system failures, treatment failure, situational exigencies, and self-directed
- The examination of excuses provides a unique way to gain insight into how patients communicate with their physicians

Wang, F. (2022). Sharing (mis)information: a social network analysis on vaccine-related URLs on Twitter during COVID-19. *Gnovis: A Journal of Communication, Culture, and Technology,* 22(1), 4-29. https://doi.org/10.57928/95kk-8443

- Investigated the main web domains people shared on Twitter when talking about the vaccine
- Collected 4,435 tweets with #vaccine from December 11 to December 14, 2020
- Applied a social network analysis and identified 29 of the most shared websites
- Provide insights on misinformation identification and management during a public health crisis

Wang, F. (2021). Cancer celebrities on Twitter: a social network analysis on the openness of privacy. *Gnovis: A Journal of Communication, Culture, and Technology,* 21(1)*,* 17-42.
- Used R and Twitter API to collect 7,521 tweets mentioning two American celebrities diagnosed with cancers
- Applied Communication Privacy Management Theory and conducted social network analysis on the celebrities' and their followers' networks with Stochastic Actor Oriented Models
- Investigated the difference in the cancer celebrity's account on Twitter before and after he/she opens up about the disease on media, including numbers of original posts, numbers of replies, numbers of followers, and geographic locations of followers

Turner, J. W., **Wang, F**., & Reinsch, N. L., Jr. (2020). How to be socially present when the class becomes "suddenly distant". *Journal of Literacy and Technology,* 21(2)*,* 76-101.
- Applied Goffman's theory of social interaction and Turner and Foss's theory of attentional social presence to explore the experience of 16 graduate students navigating online

In Preparation:

Turner, J. W., Robinson, J. D., & **Wang, F.**, Kirk, K., Roett., M. Patient Excuses: How Do Doctors Respond? (Manuscript Finished)

Turner, J. W., Robinson, J. D., & **Wang, F**. Managing Attentional Social Presence? Lessons from the Kardashians. (Manuscript Finished)

Wang, F. If Not Now, Then When? Recipients' Perspective on Dating Parters' Mental Illness Self-disclosure. (Manuscript Finished)

Wang, F. Are Patients Really Interested in Doctors' Personal Stories? An Experiment on Types of Physician's Self-disclosure and Patients' Affection during First Visit. (Manuscript finished)

Wang, F. "Keeping us Entertained in Lockdown!" Podiatrist-Patient Communication on YouTube during COVID-19. (Data Collected)

Wang, F. Share Your Recovery Stories: Data Mining and Content Analysis on a COVID-19 Forum as a Healthcare Community of Practice. (Abstract)

EDITORIAL EXPERIENCE

Wang, F., Bolkan, S., Nelson, E., & Harrison, Millie A. (2023). Informative Presentations. In *CMS 306M: Introduction to Professional Communication Skills (A Top Hat Course Digital Textbook)*. Tophatmonocle Corp.

CONFERENCE PAPERS AND PRESENTATIONS

Wang, F. (September, 2022). *Building a Religion-Based Semantic Profile for an Anti-Vaccine Community in Pandemic.* Poster Presented at the 2022 Organizational Communication Mini-Conference, Austin, TX.

Wang, F. (March, 2022). *Sharing (Mis)Information: A Social Network Analysis on Vaccine-Related URLs on Twitter During COVID-19.* Poster Presented at the 20th Annual St. David's Center for Health Promotion and Disease Prevention Research in Underserved Populations (CHPR) Conference, Austin, TX.

Turner, J. W., Robinson, J. D., Toman, R. B., **Wang, F.,** Roett., M. (November, 2021). *Patient Excuses: A Critical Window into the Patient Experience.* Paper Presented at the 107th Annual National Communication Association Convention, Seattle, Washington.

Wang, F. (October, 2021). *Exploring the Use of Social Media as a Platform to Persuade the Public during COVID-19: A Comparative Study of the US and China*. Poster Presented at 2021 International Conference on

Communication in Healthcare (going virtual due to COVID-19). **[Recipient of Humanities and Social Sciences Scholarship Award]**

Wang, F. (July, 2021). *Misinformation in Public Health Crisis: A Social Network Analysis on Vaccine-Related URLs on Twitter during COVID-19*. Paper Presented at 2021 Biennial World Communication Association Conference (going virtual due to COVID-19). **[Recipient of Park Presentation Award]**

Wang, F., Turner, J. W., & Robinson, J. D. (March, 2021). *Embracing New Normal: A Longitudinal Study for Comparing Governmental Messaging Strategies between the US and China During COVID-19*. Paper Presented at AEJMC Midwinter Conference, (going virtual due to COVID-19).

Wang, F. (March, 2021). *Government Messaging Strategies of Health Providers' Narratives during COVID-19: A Simplified Chinese LIWC Analysis on Weibo Data.* Paper Presented at Northeast Modern Language Association's Annual Convention, (going virtual due to COVID-19).

Turner, J. W., Robinson, J. D., & **Wang, F**. (November, 2020). *Managing Attentional Social Presence? Lessons from the Kardashians*. Paper Presented at the 106th annual National Communication Association Convention, (going virtual due to COVID-19).

Turner, J. W., & **Wang, F**. (March, 2020). *Wikipedia as a Canvas for Communication Theories*. Presentation Prepared for the Eastern Communication Association Convention, Cambridge, MA.

RESEARCH PROJECTS

Family Medicine Project (2020-present). Toman, R. B., Turner, J. W., **Wang, F**.
- Analyzed videotaped doctor-patient communication during the visit
- Managed the database of the doctor-patient blog with more than 180 videos
- Collaborated with researchers with research questions and wrote literature reviews on doorknob phenomenon, patient's self-efficacy, persuasion theory, etc.

GUEST LECTURES

Guest Lecture (October 4, 2022). "Be a Wikipedia Student Editor: Studying Communication Theories via Wikipedia" in Dr. Jeanine W. Turner's *Communication Theories and Frameworks*, Georgetown University, Washington D.C., US (virtual).

Guest Lecture (August 8, 2022). "How does Persuasive Design in Technology Change Our Behaviors?" in Dr. Matthew McGlone's *Theories of Persuasion*, The University of Texas at Austin, Austin, TX, US (virtual).

Guest Lecture (March 8, 2022). "From A to Z: Deception in Computer-Mediated Communication," in Dr. Matthew McGlone's *Lying and Deception*, The University of Texas at Austin, Austin, TX, US.

Guest Lecture (April 27, 2021). "How do I Conduct the Social Media/External Communication Analysis," in Dr. Jeanine W. Turner's *Communication Technology and Organizations*, Georgetown University, Washington D.C., US (virtual).

Guest Lecture (February 23, 2021). "Super Easy Social Media Data Collecting Tools," in Dr. Jeanine W. Turner's *Communication Technology and Organizations*, Georgetown University, Washington D.C., US (virtual).

TEACHING EXPERIENCE

Assistant Instructor (Spring 2023). The University of Texas at Austin, CMS 306M Professional Communication Skills.
- Undergraduate-level course (with The Skills and Experience Flag: Ethics) designed to help students develop skills in one-on-one interactions, small group communication, and presentation skills
- Class size: two classes (18 and 23)

Assistant Instructor (Fall 2022). The University of Texas at Austin, CMS 306M Professional Communication Skills.
- Undergraduate-level course (with The Skills and Experience Flag: Ethics) designed to help students develop skills in one-on-one interactions, small group communication, and presentation skills
- Class size: two classes (18 and 22)

Teaching Assistant (Summer 2022). The University of Texas at Austin, CMS 332K Theories of Persuasion, Instructor: Dr. Matthew McGlone
- Undergraduate-level course focused on motivational factors involved in persuasive speaking to secure belief and action
- Class size: 35

Teaching Assistant (Spring 2022). The University of Texas at Austin, CMS 440K Lying and Deception, Instructor: Dr. Matthew McGlone
- Undergraduate-level course (with The Skills and Experience Flag: Ethics) focused on exploring the varieties of deceptive communication, their causes and consequences in a wide range of contexts, and the strategies used to detect their occurrence
- Class size: 148

Teaching Assistant (Fall 2021). The University of Texas at Austin, CMS 321D: Communication for Development and Philanthropy, Instructor: Dr. Jennifer L. Jones Barbour
- Undergraduate-level course (with The Skills and Experience Flag: Writing) focused on exploring nonprofit organizations' strategies for communicating for development and philanthropy
- Class size: 41

Teaching Assistant (Fall 2020). Georgetown University, CCTP-752-01: Communication Theory and Frameworks, Instructor: Dr. Jeanine W. Turner
- Graduate-level course focused on exploring theories in Communication
- Spearheaded and guided students in the Wikipedia project
- Class size: 12

Counselor Assistant (Sept. 2009 – Jul. 2013). Counsellor Office, School of English and International Studies, Beijing Foreign Studies University

GRANTS AND HONORS

2021 – 2025 Graduate School Fellowship Stipend, The University of Texas at Austin

2021 – 2025 Provost and Moody Fellowship Supplement, The University of Texas at Austin

2022 Professional Development Award, The University of Texas at Austin

2022 CommSGC Supplemental Research or Travel Award, The University of Texas at Austin

2021 Professional Development Award, The University of Texas at Austin

2021 ICCH Humanities and Social Sciences Scholarship Award, Academy of Communication in Healthcare

2021 Park Presentation Award, World Communication Association

2021 GradGov Research Project Award, Georgetown University

2020 Conference Travel Grant, Georgetown University

2012 National Undergraduates Innovative Experiment Projects (a study on the impact of smartphones on Beijing college students), Ministry of Education of China

2012 Tuition Scholarship, the Seminar of Slovene Language, Literature and Culture, University of Ljubljana

2011 Fangda Scholarship, Beijing Foreign Studies University

CERTIFICATES

2022 Inclusive Classrooms Leadership Certificate, Division of Diversity and Community Engagement, The University of Texas at Austin

2022 Data Science Summer School, Hertie School Data Lab

2020 Social Media Data Analytics, University of Washington, Coursera

2020 COVID-19 Contact Tracing, Johns Hopkins University, Coursera

SERVICE

University/Department Service:

2022 – Present Wrote 2 recommendation letters for undergraduate students to apply for internships and honors programs, The University of Texas at Austin

2022 – 2023   Member, UT Libraries Student Advisory Committee, The University of Texas at Austin

2022 Member, Measurements & Evaluation Committee (exam writing/building) for 306M Professional Communication Skills, Department of Communication Studies, The University of Texas at Austin

2022 Member, Course Resources Committee (building presentation templates and activity ideas for each chapter of the new book) for 306M Professional Communication Skills, Department of Communication Studies, The University of Texas at Austin

Professional Service:

2022 Paper Reviewer, International Communication Association Convention

2022 Paper Reviewer, National Communication Association Convention

WORKING EXPERIENCE

Jan. 2015 – Sept. 2017 **CCTV-4 Chinese International Channel, China Central Television, Beijing, China**
Director, *Chinese World* TV Program

Oct. 2014 – Jan. 2015   **Golf Travel Magazine, Beijing, China**
Editor

Aug. 2012 – May 2013 **Phoenix New Media (ifeng.com, Website of Phoenix TV), Beijing, China**
Intern Editor, Multiple Terminal Group, Video Department

May 2013 – Sept. 2013 **CCTV-4 Chinese International Channel, China Central Television, Beijing, China**
Intern Public Relations Specialist, Presenter Assistant, The Sixth "Chinese Bridge" Chinese Proficiency Competition for International Students in China

Sept. 2011 – Jul. 2013 **Vessel, Women's Soccer Team, Beijing Foreign Studies University, Beijing, China**
Initiator, Center Midfielder

Jul. 2012 – Aug. 2012 **China Daily, Beijing, China**
Intern English Editor, Current News Department

Jan. 2011 – Feb. 2011 **Xinhua News Agency, Tianjin, China**
Intern Editor, Audio & Video Department

Sept. 2010 – Nov. 2010 **Global Sustainable Leaders Development Institute, Beijing, China**
Intern Public Relations Specialist

Sept. 2009 – Sept. 2011 **107 Investigation, Beijing Foreign Studies University, Beijing, China**
Student Investigative Journalist

SKILLS

Language: Mandarin (Native), English (Fluent), Slovenian (Read)

Computer: R (academictwitteR, ggplot2, lavaan, psych, rtweet, statenet, tidytext), Python (numpy, pandas, tweepy), Mplus, SPSS, NodeXL Pro, LIWC, Avid, Photoshop, Premiere, Radioman, Adobe InDesign

PROFESSIONAL MEMBERSHIPS

National Communication Association