

JINGJING GAO
Assistant Professor
UTHealth Houston
School of Public Health
5130 Gateway Boulevard East, El Paso, TX 79905-1608
Phone: 915-975-8534
Email: Jingjing.Gao@uth.tmc.edu
Last Update: 10/04/2024

EDUCATION

Ph.D. Public Policy	May 2022
The University of North Carolina at Charlotte	
Research Interests: Public Health Policy	
Dissertation Titles: Spatiotemporal Emotions' Patterns of Twitter Data on COVID-19 and Health Policies	
Graduate Certificate in Geographic Information Science and Technology	2021
Master of Public Administration	2017
The University of North Carolina at Pembroke	
Master of Social Medicine and Health Management	2017
Henan University, School of Nursing, China	
Bachelor of Public Enterprise Management	2013
Henan University of Traditional Chinese Medicine, China	

ACADEMIC APPOINTMENTS

UTHealth Houston	May 2023-Current
Assistant Professor	
Texas A&M	April 2022-March 2023
Postdoctoral Fellow	

PUBLICATIONS

Peer-Reviewed Journal Articles

1. Dai, Y., Gao, J., & Radford, B. J. (2024). From fear to hate: Sources of anti-Asian sentiment during COVID-19. *Social Science Quarterly*.
2. Gallegos, G. A., Schaper, K., Roy, S., & Gao, J. (2024). Analyzing the Relationships between State School Policies and Absenteeism Rates for 9-12th Grade Students in Texas-Mexico Border Districts. *Research in Educational Policy and Management*, 6(1), 255-268.
3. Cowan-Pyle, A. E., Bailey, R. L., Gao, J., Hess, J. M., Ademu, L. O., Smith, J. L., & Racine, E. F. (2024). Dietary Quality and Diet-Related Factors Among Emerging Adults (18–23 y) in the United States Are a Cause for Concern: *National Health and*

- Nutrition Examination Survey 2015–2018. *The Journal of Nutrition*, 154(8), 2524–2533.
4. Gao, J., Gallegos, G. A., & West, J. F. (2023). Public Health Policy, Political Ideology, and Public Emotion Related to COVID-19 in the US. *International Journal of Environmental Research and Public Health*, 20(21), 6993.
 5. Gao, J., Keenan, O. E., Johnson, A. S., Wilhelm, C. A., Paul, R., & Racine, E. F. (2023). The COVID-19 pandemic, rising inflation, and their influence on dining out frequency and spending. *Nutrients*, 15(6), 1373.
 6. Ademu, L., **Gao, J***, Assis, J., Olajide, A., & Atawodi, O. (2023) Taking a Shot: The Impact of Information Frames and Channels on Vaccination Willingness in a Pandemic. *Vaccines*, 11(1), 137.
 7. **Gao, J.**, Guo, Y., & Ademu, L. (2022). Associations between Public Fear of COVID-19 and Number of COVID-19 Vaccinations: a county-level longitudinal analysis. *Vaccines*, 10(9), 1422.
 8. **Gao, J.** (2022). The Complementary and Substitutive Value of Online Health Information. *Health and Social Care in the Community*.
 9. Guo, Y., **Gao, J.**, & Sims, T. O. (2022). Associations between Bonus and Lottery COVID-19 Vaccine Incentive Policies and Increases in COVID-19 Vaccination Rates: A Social Epidemiologic Analysis. *Tropical Medicine and Infectious Disease*, 7(7), 118.
 11. Guo, Y., Kaniuka, A. R., **Gao, J.**, & Sims, O. T. (2022). An Epidemiologic Analysis of Associations between County-Level Per Capita Income, Unemployment Rate, and COVID-19 Vaccination Rates in the United States. *International Journal of Environmental Research and Public Health*, 19(3), 1755.
 12. Ademu, L., Gao, J., Thompson, T., & Ademu, L. (2022) Impact of ShortTerm Air Pollution on Respiratory Infections: A Time-Series Analysis of COVID19 Cases in California during the 2020 Wildfire Season. *International Journal of Environmental Research and Public Health*, 19.9 (2022): 5057.
 13. **Gao, J.**, Radford, B. (2021). Death by Political Party: The Relationship Between COVID19 Deaths and Political Party Affiliation. *World Medical & Health Policy*, 1– 26. <https://doi.org/10.1002/wmh3.435>.

Peer-Reviewed Book

West, J.F., **Gao, J.**, and Jang, S. (2021). *The Factors and Behaviors Associated with Legislator Use of Communication Technology*. Rowman & Littlefield.

UNDER REVIEW

Gao, J. (2022 Revised & Resubmitted). Public Emotion, Public Policy, and Working from Home During COVID-19. *Vaccines*.

Gao, J. (2022 under review). Impact of Health Policies and Local Political Ideology on Spatial-temporal Pattern of Public Emotion Towards COVID-19.

Gao, J. (2022 under review). Spatiotemporal Emotions' Patterns of Twitter Data on COVID-19 and Health Policies.

Gao, J., Radford, B. (2022 under review). COVID-19 Health Policy Adoption in the U.S: A longitudinal analysis.

Dai, Y., Radford, B., & **Gao, J.** (2022). From Fear to Hate: Anti-Asian Sentiment During COVID-19.

WORKS IN PROGRESS

Gao, J., Radford, B. (2022). Cost-Effectiveness Analysis of COVID-19 Scholarship Lottery Policy among Young People.

Guo, Y., Qin, W., **Gao, J.**, & Sims, T. O. (preparation for submission), Health Care Resources and Racial Disparities in COVID-19 Vaccination Rate: a county-level analysis, Preventive Medicine.

Racine, B., **Gao, J.**, & Gaskin, C. (2022). Food Insecurity and WIC Vendor Accessibility.

Guo, Y., **Gao, J.**, & Ademu, L. (2022). AI Intervention and E-Smoking.

Gao, J., West, J.F. (2022). Seeking Online Health Information Among Patients with Multiple Health Conditions.

Note: Some authors may not list in work in progress yet.

TEACHING EXPERIENCE

Teaching Assistant:

The University of North Carolina at Charlotte

GRAD 8103: Classificatory Methods and Time Series, Graduate School

GRAD 8102: Categorical Outcomes, Graduate School DTSC 2301:

Modeling and Society, School of Data Science

Invited Lecture:

The University of North Carolina at Pembroke

Quantitative Methods, Master of Public Administration (MPA)

CONFERENCE PRESENTATIONS

Gao, J., (2022). Public Emotions and Public Working Modes in COVID-19: Moderator Roles of Public Policy and Governors' Political Ideologies. *The 79th Annual Midwest Political Science Association (MPSA) Conference*, Chicago.

Gao, J., Radford, B., & Dai, Y., (2022). The Mechanism of Policy Diffusion of COVID19 Vaccine Incentive Policies. *The 79th Annual Midwest Political Science Association (MPSA) Conference*, Chicago.

- Gao, J.**, Dai, Y., & Radford, B., (2022). From Fear to Hate: Anti-Asian Sentiment During COVID-19. *Annual Southern Political Science Association Meetings*, San Antonio, Texas, January 15, 2022.
- Gao, J.** (2020). Chronic Diseases, Health Insurances, and Online Health Information Searching Behavior. *Annual Southern Political Science Association Meetings*, Puerto Rico, January 2020.
- Maestas, C., **Gao, J.**, Cawvey, M., Levens, S., and Atkeson L. (2019). Expressing Anxiety: Emotion Regulation Strategies and Social Sharing of Policy Information. *Annual Southern Political Science Association Meetings*, Austin, Texas, January 17, 2019.
- West, J.F., **Gao J.** (2019). Legislator Use of Communication Technology: The Critical Frequency Theory of Policy System Stability. *The 77th Annual Midwest Political Science Association (MPSA) Conference*, Chicago.
- West, J.F., **Gao J.** (2019). Legislator Use of Communication Technology and the Critical Frequency Theory of Policy System Stability. *North Carolina Political Science Association (NCPSA)*, Charlotte.
- Gao, J.** (2018). The Relationships between Diseases and Online Health Information Searching Behavior (Poster). *The 76th Annual Midwest Political Science Association (MPSA) Conference*, Chicago.
- Gao, J.** (2017). Utilizing Social Media as a Policy Tool: An Examination of the Impact of Social Media on Healthcare Outcomes in Chinese University Students. *The 75th Annual Midwest Political Science Association (MPSA) Conference*, Chicago.
- West, J.F., **Gao, J.** (2017). Death of a Trustee: An Examination of Traditional Legislator Roles in an Era of Increased Legislator-Constituent Linkages Precipitated by Internet Enabled Communication Technologies. *The 75th Annual Midwest Political Science Association (MPSA) Conference*, Chicago.
- West, J.F., **Gao, J.** (2016). Evolution and the Internet: A Theoretical and Empirical Exploration of State Legislator Choice of Communication Technology. *2016 Southeastern Conference for Public Administration (SECoPA)*, Raleigh.

AWARDS AND GRANTS

\$500 Travel Funding from Graduate & Professional Student Government	2022
The University of North Carolina at Charlotte	
\$6000 The Graduate School Summer Fellowship Program (GSSF)	2020
The University of North Carolina at Charlotte	
\$500 Travel Funding from Graduate & Professional Student Government	2020
The University of North Carolina at Charlotte	
\$1000 Travel Funding from Graduate & Professional Student Government	2019
The University of North Carolina at Charlotte	
\$500 Travel Funding from Graduate & Professional Student Government	2018
The University of North Carolina at Charlotte	

PROFESSIONAL EXPERIENCE

Graduate Research Assistant	August 2017—Present
The University of North Carolina at Charlotte	

Graduate Research Assistant	October 2015—December 2016
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The University of North Carolina at Pembroke

Compensated Internship

June 2016—August 2016

North Carolina Association of County Commissioners (NCACC); Four-department rotations: Government Relations, Communications, Member Service/Education, and Research.

Reviewer of Journal

World Medical & Health Policy

LANGUAGES, SKILLS, AND CERTIFICATE

- Chinese (native), English (fluent)
- Python, R, ArcGIS, GeoDa, QGIS, Voxler (3D Visualization), Tableau, MATLAB, SQL, SPSS, STATA