

Weihong Qi

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EDUCATION

Indiana University, Bloomington

Ph.D. in Informatics

- Major Track: Complex Networks and Systems
- Advisors: Prof. Jisun An and Prof. Haewoon Kwak
Minor: Computer Science

Bloomington, IN
Aug 2024 - Present

University of Rochester

Ph.D. in Political Science

M.S. in Data Science (75% Merit Scholarship, \$47,000+)

Rochester, NY
Aug 2019 - Jul 2024
May 2022 - May 2024

University of Chicago

M.A. in Public Policy Studies

Chicago, IL
Aug 2017 - Dec 2018

Wuhan University

B.A. in Economics

Minor: Mathematics and Applied Mathematics

Wuhan, China
Sept 2013 - Jun 2017
Feb 2015 - Jun 2017

PUBLICATIONS

* indicates equal contributions; [α] indicates alphabetic order.

CONFERENCE PAPERS

[9] Weihong Qi, Hanjia Lyu, Jiebo Luo

“Representation Bias in Political Sample Simulations with Large Language Models”

In *Companion Proceedings of the ACM Web Conference (WWW)*, 2025.

[8] Hanjia Lyu*, Weihong Qi*, Zhongyu Wei, Jiebo Luo

“Human vs. LLMs: Exploring the Discrepancy in Emoji Interpretation and Usage in Digital Communication”

In *Proceedings of the 17th International AAAI Conference on Web and Social Media (ICWSM)*, 2024.

[7] Jinsheng Pan, Zichen Wang, Weihong Qi, Hanjia Lyu, Jiebo Luo

“Understanding Divergent Framing of the Supreme Court Controversies: Social Media vs. News Outlets”

In *Special Session on Intelligent Data Mining, IEEE Big Data Conference (BigData)*, 2023.

[6] Jinsheng Pan*, Weihong Qi*, Zichen Wang, Hanjia Lyu, Jiebo Luo

“Bias or Diversity? Unraveling Fine-Grained Thematic Discrepancy in U.S. News Headlines”

In *Workshop Proceedings of the 17th International AAAI Conference on Web and Social Media (ICWSM)*, 2023.

JOURNAL PAPERS

[5] Weihong Qi, Jinsheng Pan, Hanjia Lyu, Jiebo Luo

“Excitements and Concerns in the Post-ChatGPT Era: Deciphering Public Perception of AI through Social Media Analysis”

Telematics and Informatics, 2024

[4] [α] Alexander Lee, Weihong Qi

“Election Symbols and Vote Choice: Evidence from India”

Political Science Research and Methods, 2024

PREPRINTS & UNDER REVIEW

[3] Weihong Qi, Anushka Dave, Chen Ling

“Adapting Public Personas: A Multimodal Study of U.S. Legislators’ Cross-Platform Social Media Strategies” (*Under Review*)

[2] Xinnong Zhang, Jiayu Lin, Libo Sun, Weihong Qi, Yihang Yang, Yue Chen, Hanjia Lyu, Xinyi Mou, Siming Chen, Jiebo Luo, Xuanjing Huang, Shiping Tang, Zhongyu Wei

“Electionsim: Massive population election simulation powered by large language model driven agents”

[1] [α] Alexander Lee, Weihong Qi, Dehua Sun
 “State Mobilization and Political Attitudes: The Legacy of Maoist Rural Resettlement in Contemporary China”
Political Science Research and Methods (Revise and Resubmit)

RESEARCH EXPERIENCE	VISTA Lab, Department of Computer Science, University of Rochester	
	<i>Graduate Researcher</i>	Jan 2023 – Jul 2024
	<ul style="list-style-type: none"> Supervisor: Prof. Jiebo Luo Research Field: Data Mining, Machine Learning, Computational Social Science 	
	Harris School of Public Policy, University of Chicago	
	<i>Research Assistant</i>	Jul 2018 – Dec 2018
	<ul style="list-style-type: none"> Supervisor: Prof. Yana Gallen Research Field: Machine Learning, Natural Language Processing, Labor Economics 	
	<i>Research Assistant</i>	Mar 2018 – Dec 2018
	<ul style="list-style-type: none"> Supervisor: Prof. Austin Wright Research Field: Causal Inference, Spatial Data Analysis, Civil Conflict 	
WORK EXPERIENCE	Mary Ann Mavrinac Studio X, Rochester, NY	
	<i>Data Scientist Intern</i>	May 2023 – Aug 2023
	<ul style="list-style-type: none"> Supervisor: Emily Sherwood, Meaghan Moody 	
	The Paulson Institute, Chicago, IL	
	<i>Student Fellow</i>	Aug 2018 – Mar 2019
	<ul style="list-style-type: none"> Supervisor: Damien Ma 	
TEACHING EXPERIENCE	University of Rochester	
	<i>PSCI404 Probability and Inference (PhD-level) - Teaching Assistant</i>	
	<ul style="list-style-type: none"> Guided first-year Ph.D. students through concepts and tools for causal inference in non-experimental contexts. Held weekly review sessions covering the mathematical, statistical, and coding fundamentals. 	
	<i>PSCI/ECON288 Game Theory - Teaching Assistant</i>	
	<ul style="list-style-type: none"> Mentored over 90 undergraduate students in understanding, analyzing, and applying game theory models during recitation sessions and regular office hours. 	
	<i>PSCI273 The Politics of Terrorism - Teaching Assistant</i>	
	<ul style="list-style-type: none"> Organized and facilitated discussion sessions on terrorism research papers twice per week. Mentored over 30 undergraduate students in learning data analysis tools for their quantitative projects. 	
	<i>PSCI209 The Politics of Punishment - Teaching Assistant</i>	
	<ul style="list-style-type: none"> Mentored over 30 undergraduate students in understanding law enforcement research literature and research methods through weekly office hours and feedback on their response papers. 	
TALKS & PRESENTATIONS	41st Annual Meeting of the Society for Political Methodology, Riverside, CA	Jul 2024
	The Annual Conference of Southern Political Science Association, Tampa, FL	Jan 2023
	Chinese Political Science Speaker Series, Virtual	Dec 2021
	THU-PKU-RUC Political Science Research Workshop, Virtual	May 2021
	The Annual Conference of Midwest Political Science Association, Virtual	Apr 2021
AWARDS & SCHOLARSHIPS	<ul style="list-style-type: none"> Merit-based Scholarship (\$47,000+), Goergen Institute for Data Science, University of Rochester 	2022
	<ul style="list-style-type: none"> Research Assistance Grants, Wallis Institute of Political Economy 	2019 - 2022
	<ul style="list-style-type: none"> Lanni Fellowship for Summer Research, University of Rochester 	2021
	<ul style="list-style-type: none"> Distinguished Undergraduate Thesis (3/34), Wuhan University 	2017
	<ul style="list-style-type: none"> Outstanding Undergraduate Research Award, Wuhan University 	2016
SKILLS	Programming Language: Python, Java, C#	
	Data Analysis Software: R, Stata, MySQL, MATLAB	
	Other: L ^A T _E X, Git, QGIS	

REFERENCES

- **Professor Jisun An**
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Indiana University
1015 E 11th St, Bloomington, IN 47408
jisunan@iu.edu
- **Professor Haewoon Kwak**
Associate Professor of Informatics
Indiana University
1015 E 11th St, Bloomington, IN 47408
hwkwak@iu.edu
- **Professor Jiebo Luo**
Albert Arendt Hopeman Professor of Engineering
Professor of Computer Science
University of Rochester
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