GECHUN LIN

Department of Political Science, Washington University in St. Louis

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EDUCATION

Washington University, School of Art and Science
Ph.D., Political Science, expected 2025
M.A., Statistics, 2023
M.A., Political Science, 2022

Washington University, School of Law
J.S.D., Legal Research, 2018
LL.M., U.S. Law, 2015

Sun Yat-sen University, School of Law
B.A., Law, 2014

RESEARCH INTERESTS

Political Methodology   deep learning, large language models, text-as-data
American Politics   political communication, elite polarization, media and court

PUBLICATIONS

Gechun Lin and Christopher Lucas. 2023. "An Introduction to Neural Networks for the Social Sciences." in *The Oxford Handbook of Methodological Pluralism in Political Science*. Oxford University Press

WORKING PAPERS

Gechun Lin. "Using Generative AI to Extract Emphasis Frames."

Gechun Lin. "Using Cross-Encoders to Measure the Similarity of Short Texts in Political Science." Accept pending replication at the **American Journal of Political Science**.

Dahjin Kim, Gechun Lin, and Keith Schnakenberg. "Informative Campaigns, Overpromising, and Policy Bargaining." Revise & resubmit at the **Journal of Theoretical Politics**.

Dahjin Kim, Gechun Lin, and William G. Nomikos. "American Social Media is Ideologically Polarized about Foreign Policy during the War in Ukraine." Revise & resubmit at **Humanities and Social Sciences Communications**.

Amaan Charaniya, Weiye (Rex) Deng, Dahjin Kim, Gechun Lin, William G. Nomikos, and Ipek Ece Sener. "How Foreign Policy Crisis Shapes Public Opinion on Social Media: An Investigation of Twitter Discourse during the U.S. Withdrawal from Afghanistan."

HONORS AND AWARDS

2023 APSA Foreign Policy Division Best Paper Award
2023 APSA Political Communication Section SPARK Award
2022 WUSTL Antoinette Dames Prize for Best Graduate Level Paper

CONFERENCE PRESENTATIONS

Poster, Visions in Methodology (May 2024)
Paper, Midwest Political Science Association (April 2024)
Paper, Texas Methods Conference (February 2024)
Poster, PolMeth Summer Meeting (July 2022 & 2023)

Paper, American Political Science Association Annual Meeting (September 2023)
Poster, Asian PolMeth (January 2022)

TEACHING EXPERIENCE

Teaching Assistant, Washington University in St. Louis

Undergraduate Level

Topics in Politics: Data Science and Policy (Professor Christopher Lucas), Fall 2022
Quantitative Political Methodology (Professor Christopher Lucas), Spring 2021
Topics in Politics: Data Science and Policy (Professor Christopher Lucas), Fall 2022

Graduate Level

Quantitative Political Methodology II (Professor Jacob Montgomery), Fall 2021

SKILLS

Programming	R, Python, HTML, JSON
API and Tools	Twitter, OpenAI, Amazon Mechanical Turk
Deep Learning Frameworks	TensorFlow, PyTorch