

# Yin Yuan, Ph.D.

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🌐 <https://reasonyy.github.io/>

🌐 LinkedIn

## Education

- 2024 ▶ **Ph.D., University of California, San Diego**, Political Science.  
Dissertation: *Hidden in Plain Sight: How Catchphrases Send Political Information that Averts the Public Eye*  
Committee: Margaret E. Roberts (Co-Chair), Victor Shih (Co-Chair), Seth Hill, Megumi Naoi, Susan Shirk
- 2012 ▶ **M.A., Columbia University**, Political Science.
- 2011 ▶ **B.A., University of International Relations**, International Politics.

## Research Publications

### Journal Articles

- ▶ Waight, Hannah, Yin Yuan, Margaret E. Roberts, and Brandon M. Stewart (2025). "The decade-long growth of government-authored news media in China under Xi Jinping". In: *Proceedings of the National Academy of Sciences* 122.11, e2408260122. 📄 DOI: 10.1073/pnas.2408260122.

### Working Papers

- ▶ Waight, Hannah, Eddie Yang, Yin Yuan, Solomon Messing, Margaret E. Roberts, Brandon Stewart, and Josh Tucker (n.d.). "Propaganda is Already Influencing Large Language Models: Evidence from Training Data, Audits, and Real-World Usage".
- ▶ Yuan, Yin (n.d.[a]). "Extracting and Decoding Catchphrases Using Word Embeddings".
- ▶ Yuan, Yin (n.d.[b]). "How Subtle Changes in Catchphrases Catch the Attention of the Political Elite but Avert the Public Eyes".

## Conference Presentations

- 2019, 2021, 2022 ▶ **American Political Science Association**, presented in Mini-Conference on Chinese Politics in 2021 and 2022.
- 2022 ▶ **Society for Political Methodology Summer Meeting**.
- ▶ **Midwest Political Science Association**.
- 2019 ▶ **Southern Political Science Association**.
- ▶ **Western Political Science Association**.

## Fellowships and Grants

- 2019 ▶ **World Politics & Statecraft Fellowship**, Smith Richardson Foundation, \$7,500.
- 2018 ▶ **Sanford Lakoff Fellowship**, University of California, San Diego, \$1,400.

## Teaching and Mentoring

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- 2020 ▶ **POLI 176, Text as Data**, Instructor.
- 2019 – 2020 ▶ **Research Apprentice Program**, Collaborating with interested undergraduate students on research projects and mentoring them in the completion of a seminar paper.
- 2015 ▶ **POLI 30, Political Inquiry**, Section leader.

## Skills

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| Coding                      | ▶ R, Python, SQL, Bash, Git  |
| Data Visualization          | ▶ ggplot2, interactive visualization with Shiny                            |
| Natural Language Processing | ▶ Text reuse, topic modeling, word embeddings, LLM auditing and finetuning |
| Machine Learning            | ▶ Text classification, clustering, PCA                                     |
| Web Development, Scraping   | ▶ Flask, Jinja, Beautiful Soup, Selenium                                   |
| Languages                   | ▶ Mandarin Chinese (native speaker)  |