Keng-Chi Chang

🏛 Departments of Political Science *&* Computer Science and Engineering
🏠 University of California, San Diego · 9500 Gilman Drive · La Jolla CA 92093

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Education	**University of California, San Diego**, La Jolla, CA	2018–2024

University of California, San Diego, La Jolla, CA — 2018–2024
Ph.D. Candidate in Political Science
M.S. Candidate in Computer Science and Engineering
◇ Ph.D. Specialization in Computational Social Science
◇ Committee: Molly Roberts (Chair), James Fowler (Co-Chair), John Ahlquist, Seth Hill, Julian McAuley

University of Wisconsin-Madison, Madison, WI — 2016–2017
Masters Exchange Student in Economics

National Taiwan University, Taiwan — 2011–2016
B.A. & M.A. in Economics (with Honor)

RESEARCH INTERESTS

Computational Social Science, Political Communication, Social Networks
- Methodology: multimodal methods, networks, experiments, causal inference
- Substantive: political communication, digital politics, misinformation, propaganda

JOURNAL PUBLICATIONS

Chang, Keng-Chi, Will Hobbs, Margaret Roberts, and Zachary Steinert-Threlkeld, "COVID-19 Increased Censorship Circumvention and Access to Sensitive Topics in China." *Proceedings of the National Academy of Sciences*, 2022, 119 (4).

Asbury, Victoria, **Keng-Chi Chang**, Katherine McCabe, Kevin Munger, and Tiago Ventura, "The Effect of Streaming Chat on Perceptions of Debates." *Journal of Communication*, 2021, 71(6): 947–974.

Chang, Keng-Chi, Chun-Fang Chiang, and Ming-Jen Lin "Using Facebook Data to Predict the 2016 U.S. Presidential Election." *PLoS One*, 2021, 16(12).

Ventura, Tiago, Kevin Munger, Katherine McCabe, and **Keng-Chi Chang** "Connective Effervescence and Streaming Chat During Political Debates." *Journal of Quantitative Description: Digital Media*, 2021, 1: 1–49.

CONFERENCE & WORKSHOP PROCEEDINGS

Lee, Justin, Tuomas Oikarinen, Arjun Chatha, **Keng-Chi Chang**, Yilan Chen, Tsui-Wei Weng. "The Importance of Prompt Tuning for Automated Neuron Explanations." *NeurIPS 2023 Workshop on Attributing Model Behavior at Scale (ATTRIB)..*

Chang, Keng-Chi, and Cody Buntain. "Characterizing Image Sharing Behaviors in US Politically Engaged, Random, and Demographic Audience Segments." *PhoMemes Workshop of 2023 International AAAI Conference on Web and Social Media (ICWSM-2023)*.

Chang, Keng-Chi. "Mapping Visual Themes among Authentic and Coordinated Memes." *PhoMemes Workshop of 2022 International AAAI Conference on Web and Social Media (ICWSM-2022).*

WORKING
PAPERS

Chang, Keng-Chi. "Do Imagery Lend Credibility to News Articles? Discover and Adjust for Latent Visual Treatments in Survey Experiments."

Chang, Keng-Chi, Victor C. Shih, and Hans H. Tung. "Compensation and the Consolidation of Authoritarian Power: Evidence from China's 2016 PLA Reform."

GRANTS &
AWARDS

External Research Grants & Awards
- NSF/APSA Doctoral Dissertation Research Improvement Grant, 2022, $15,000.
- Rapoport Family Foundation Dissertation Research Grant, 2022, $14,100.
- Summer Institute in Computational Social Science at Princeton University, 2019.

Internal Research Grants & Awards
- UC San Diego Institute for Practical Ethics Fellowship, 2022.

Travel Grants
- NSF Grant for PolMeth Annual Meeting: 2022, 2023.
- APSA Annual Meeting Travel Grant: 2022.

CONFERENCE
PRESENTATIONS

- "Do Imagery Lend Credibility to News Articles? Discover and Adjust for Latent Visual Treatments in Survey Experiments."
  – Poster presentation at PolMeth at Stanford University, July 10, 2023.
- "Characterizing Image Sharing Behaviors in US Politically Engaged, Random, and Demographic Audience Segments."
  – Paper presentation at ICWSM PhoMemes Workshop, June 5, 2023.
- "Compensation and the Consolidation of Authoritarian Power: Evidence from China's 2016 PLA Reform."
  – Paper presentation at WPSA, April 8, 2023.
  – Paper presentation at APSA, September 16, 2022.
- "Mapping Visual Themes among Authentic and Coordinated Memes."
  – Poster presentation at PolMeth at WUSTL, July 21, 2022.
  – Paper presentation at PolNet, July 6, 2022.
  – Paper presentation at PaCSS, June 17, 2022.
  – Paper presentation at ICWSM PhoMemes Workshop, June 6, 2022.

TEACHING

University of California, San Diego
Graduate Student Instructor
  – Ph.D. Math Bootcamp (Linear Algebra, Calculus, Probability): 2021, 2022, 2023.
Graduate Teaching Assistant
  – DSC 180AB Data Science Capstone Project I & II: 2021, 2022, 2023.

       – POLI 176 Text as Data: 2021.
       – POLI 5D Data Analytics for Social Science: 2020.
       – POLI 168 Policy Assessment: 2019.
       – POLI 100G How to Win or Lose an Election: 2018, 2019.

REFEREE   *Political Analysis*, *Journal of Quantitative Description: Digital Media*, *ICWSM*.

SERVICE   Co-organizer, ICWSM PhoMemes Workshop, 2023.
Student Mentor, UC San Diego Summer STARS Program, 2021, 2022.
Contributor, UC San Diego Diversity and Science Lecture Series, 2021.

COMPUTER SKILLS   Python, R, SQL, Stata, Matlab, Git, Qualtrics, AWS, BigQuery.

REFERENCES

Margaret (Molly) Roberts	James Fowler
Professor of Political Science *&* Data Science	Professor of Political Science
University of California San Diego	University of California San Diego
meroberts@ucsd.edu	jhfowler@ucsd.edu
John Ahlquist	Cody Buntain
Professor, School of Global Policy and Strategy	Assistant Professor of Information
University of California San Diego	University of Maryland
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