

CATHERINE CHEN

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EDUCATION

Ph.D. in Communication, Stanford University

Expected June 2024

Advisor: Jon A. Krosnick

Dissertation: *Unraveling the Factors Driving Public Views on the Seriousness of Global Warming*

Committee: Jon A. Krosnick, James S. Fishkin, Jennifer Pan, Robb Willer, Allyson Holbrook

M.A. in Political Science, Stanford University

December 2021

M.S. in Journalism, Northwestern University

June 2017

B. SoSc. in Communication, Hong Kong Baptist University

May 2016

First Class Honor

PEER-REVIEWED PUBLICATIONS

2. **Chen, C.**, Cui, Z., & Chen, Y. (2023). A randomized controlled trial of an information intervention to bolster COVID-19 vaccination intention among people with purity concerns. *Health Psychology, 42*(9), 686–697. <https://doi.org/10.1037/hea0001295>
1. **Chen, C.**, MacInnis, B., Waltman, M., & Krosnick, J. A. (2021). Public opinion on climate change in the USA: to what extent can it be nudged by questionnaire design features? *Climatic Change, 167*(3), 1-18. <https://10.1007/s10584-021-03194-x>

UNDER REVIEW

3. **Chen, C.** & Krosnick, J. A. Perceptions of Global Warming as a Serious Problem for the Nation: Testing Propositions of the ACE Model.
2. Gauthier, L. D., **Chen, C.**, Krosnick, J. A., Holbrook, A. L. & Visser, P. S. The “False” Consensus “Effect”: Projection or Conformity?
1. **Chen, C.** To Green or Not to Green: Calculating the pros and cons of a green lifestyle.

SELECTED WORKS IN PROGRESS

6. w. Wei Lin & Yingdan Lu: Decoding the American Psyche: A Computational Analysis of Climate Discourse on Twitter in 2021.
5. w. Jon A. Krosnick & Natalie Neufeld: The Impact of Trump Rhetoric on Attitudes Toward COVID-19 Vaccines and Vaccination Intention: A Randomized Controlled Trial.
4. w. Jon A. Krosnick & James S. Fishkin: The Impact of Deliberative Polling on Opinionation and Knowledge Acquisition.
3. w. Jon A. Krosnick & James S. Fishkin: Non-response bias in deliberative polls
2. w. Jon A. Krosnick: Do People Lie When Reporting Their Beliefs on Global Warming and Support for Green Policies? A Test Using the Item Count Technique.
1. w. Xingyu Li, Pufan Huang, & Geoffrey L. Cohen: When Science Puts on a Human Face: The Trade-off between Knowledge and Utility in Public Perception of Science.

SELECTED CONFERENCE PRESENTATIONS

19. Hu, D., **Chen, C.**, Kathmandu, A., & Cohen, G. L. (2024, February). *When Science Puts on a Human Face: The Trade-off between Knowledge and Utility in Public Perception of Science*. Paper to be presented at the 2024 Society for Personality and Social Psychology (SPSP) Annual Convention, San Diego, CA.
18. **Chen, C.**, Neufeld, N., & Krosnick, J. A. (2023, November). Elite party cues fail to increase vaccination attitude or intention among Republicans. Paper to be presented at the National Communication Association (NCA) 109th Annual Convention, National Harbor, MD.
17. **Chen, C.**, Neufeld, N., & Krosnick, J. A. (2023, August). *The Impact of Trump Rhetoric on Attitudes Toward COVID-19 Vaccines and Vaccination Intention: A Randomized Controlled Trial*. Paper presented at the 2023 American Political Science Association (APSA) Political Communication Pre-conference, Los Angeles, CA.
16. **Chen, C.**, Krosnick, J. A. & Fishkin, J. S. (2023, May). *The Impact of Deliberative Polling on Opinionation and Knowledge Acquisition*. Poster presented at the 78th Annual Conference of the American Association for Public Opinion Research (AAPOR), Philadelphia, PA.
15. **Chen, C.**, Neufeld, N., & Krosnick, J. A. (2023, May). *The Impact of Trump Rhetoric on Attitudes Toward COVID-19 Vaccines and Vaccination Intention: A Randomized Controlled Trial*. Paper presented at the 78th Annual Conference of the American Association for Public Opinion Research (AAPOR), Philadelphia, PA.
14. **Chen, C.**, Neufeld, N., & Krosnick, J. A. (2023, February). *If Trump Brags About COVID-19 Vaccines, Will People Want to Get Vaccinated?* Poster presented at the 2023 Society for Personality and Social Psychology (SPSP) Annual Convention, Atlanta, GA.
13. **Chen, C.**, Cui, Z., & Chen, Y. (2023, February). *Purity-related Cues Improve Republicans' Vaccination Attitude and Intention*. Poster presented at the 2022 Society for Personality and Social Psychology (SPSP) Annual Convention, Atlanta, GA.
12. **Chen, C.**, Cui, Z., & Chen, Y. (2023, February). *Purity-related Cues Improve Republicans' Vaccination Attitude and Intention*. Paper to be presented at the 5th International Conference on PharmScience Research and Development, Las Vegas, NV.
11. **Chen, C.** & Krosnick, J. A. (2022, May). *Perceptions of Global Warming as a Serious Problem for the Nation: Testing Propositions of the ACE Model*. Paper presented at the 72nd Annual Conference of the International Communication Association (ICA), Paris, France.
10. **Chen, C.** & Krosnick, J. A. (2020, May). *Do People Lie When Reporting Their Beliefs on Global Warming and Support for Green Policies? A Test Using the Item Count Technique*. Poster presented at the 75th Annual Virtual Conference of the American Association for Public Opinion Research (AAPOR).
9. **Chen, C.**, MacInnis, B., Krosnick, J. A. (2019, December). *Trends in American Public Opinion on Climate Change 1997-2018: Testing Predictions of the ACE Model*. Paper presented at the 2019 Annual Conference of the Pacific Chapter of the American Association for Public Opinion Research (PAPOR), San Francisco, CA.
8. **Chen, C.**, Krosnick, J. A., MacInnis, B., & Waltman, M. (2019, May). *How Often Do Response Effects Occur in Survey Questions?* Paper presented at the 74th Annual Conference of American Association for Public Opinion Research (AAPOR), Toronto, Ontario.
7. **Chen, C.**, Kathmandu, A., Wang, L., Ma, N., Sun, Y., Chen, X., & Cohen, G. L. (2019, February). *Seeking Truth or Helping Human? Framing of Science Affects Judgment of it*. Poster presented at the 2019 Society for Personality and Social Psychology (SPSP) Annual Convention, Portland, OR.
6. **Chen, C.**, Wang, L., Kathmandu, A., & Cohen, G. L. (2018, August). *Congruity in Communal Goals between Liberals and Conservatives*. Talk given at the 2018 American Psychological Association (APA) Annual Convention, San Francisco, CA.

5. Kathmandu, A., **Chen, C.**, Wang, L., & Cohen, G. L. (2018, August). *Judging Science by its Covers: The Framing of Scientific Discoveries Affected Public Judgment*. Poster presented at the 2018 American Psychological Association (APA) Annual Convention, San Francisco, CA.
4. Kathmandu, A., Song, J., Zhang, Y., **Chen, C.**, & Cohen, G. L. (2018, July). *Advanced Machine Learning Algorithms Fail to Generalize Across Cultures*. Poster presented at the 4th Annual International Conference on Computational Social Science (IC2S2), Evanston, IL.
3. Song, J., Kathmandu, A., **Chen, C.** & Zhang, Y. (2018, May). *Can Successful Machine Learning Algorithms Generalize across Cultures? A Case on Predicting Academic Achievement*. Poster presented at the 30th Convention of the American Psychological Society (APS), San Francisco, CA.
2. **Chen, C.**, Kathmandu, A., Wang, L., & Cohen, G. L. (2018, May). *Leverage the Persuasive Power of Technology-related Scientific Discoveries to Close America's Political Divide on Support for Science*. Poster presented at the 30th Convention of the American Psychological Society (APS), San Francisco, CA.
1. Kathmandu, A., Wang, Y., **Chen, C.**, Wang, L., & Cohen, G. L. (2018, March). *How Important Do You Think Science Is? Framing, Judgment, and Politics of Science Discoveries*. Poster presented at the 2018 Society for Personality and Social Psychology (SPSP) Annual Convention, Atlanta, GA.

HONORS & FELLOWSHIPS

- Stanford Institute for Research in the Social Sciences (IRiSS) Dissertation Fellowship 2023-2024
- SAP Fellow, Stanford Graduate Fellowship in Science and Engineering 2021-2023
- American Democracy Graduate Fellow, IRiSS 2020-2021
- Melville J. Jacoby Fellowship, Stanford University 2018-2020
- Hong Kong Baptist University President's Honor Roll 2012-2016
- PCCW - HKT Scholarship 2015
- Hong Kong Baptist University Dean's List 2013-2014

GRANTS

- Stanford Center for Democracy (SCAD) survey experiment grant (\$2,000) 2023-2024
- Rapoport Family Foundation Doctoral Dissertation Grant (\$15,000) 2023-2024
- Stanford Department of Communication Travel Grant (\$2,400) 2021-2022
- IRiSS Small Data Acquisition Grant (\$1,500) 2020-2021
- Stanford Department of Communication Summer Research Fund (\$6,000) 2020
- Stanford Department of Communication Travel Grant (\$2,400) 2018-2019

TEACHING

Instructor of record

- COMM 105S Public Understanding of Science, Stanford University Summer 2023

Teaching Assistant

- POLISCI 232T/332T The Dialogue of Democracy, Stanford University Spring 2021
- COMM 158/258 Censorship and Propaganda, Stanford University Winter 2021
- COMM 1 Introduction to Communication, Stanford University Fall 2020; Fall 2023
- COMM 124/224 Lies, Trust, and Tech, Stanford University Winter 2020

INVITED TALKS

- **Chen, C.** (2023, November). *Do People Lie When Reporting Their Beliefs on Global Warming and Support for Green Policies? A Test Using the Item Count Technique.* Department of Communication Colloquia.
- **Chen, C.** (2023, October). *Communication strategies to improve COVID-19 vaccination rate* Political Psychology Research Group (PPRG) Fall Colloquia.
- **Chen, C.** (2023, October). *Origins of the national agenda-setting for Global Warming (GW): a psychological model* Political Psychology Research Group (PPRG) Fall Colloquia.
- **Chen, C.** (2021, May). *Design and Analysis of the Item Count Technique (ICT).* IRiSS Colloquia.
- **Chen, C.** (2020, November). *Social Media and Social Capital* Guest Lecture given at COMM 1: Introduction to Communication.
- **Chen, C.** (2019, May). *How Often Do Response Effects Occur in Survey Questions?* Political Psychology Research Group (PPRG) Spring Colloquia.

AD-HOC REVIEWER

- Journal of Behavioral and Experimental Economics
- Quality & Quantity

SELECTED PROFESSIONAL EXPERIENCE

- Video Producer, Medill News Service, Chicago, IL June 2016-December 2016
- Editor, The Young Reporter, Hong Kong September 2015-February 2016
- Video Producer, Agence France-Presse, Hong Kong June 2015-August 2015
- Reporter, The Young Reporter, Hong Kong September 2013-June 2014
- Media Relations Officer, Sina Corp., Dalian, China June 2014-August 2014

SKILLS

- Programming Languages: R, Python, SQL
- Web Markup and Styling Languages: HTML, CSS, Markdown
- Machine learning and AI frameworks: TensorFlow, PyTorch
- Languages: Mandarin (Native), English (Proficient), Cantonese (Proficient), French(Elementary)
- Musical Abilities: Guzheng, vocal skills
- Sports and Athletics: Badminton, running, swimming, cycling

REFERENCES

Jon A. Krosnick (Ph.D. Advisor)

Frederic O. Glover Professor in Humanities and Social Sciences

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