

# CATHERINE CHEN

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## EDUCATION

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**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

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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

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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

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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

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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) 109<sup>th</sup> 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 78<sup>th</sup> 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 78<sup>th</sup> 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 5<sup>th</sup> 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 72<sup>nd</sup> 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 75<sup>th</sup> 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 74<sup>th</sup> 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 30<sup>th</sup> 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 30<sup>th</sup> 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

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- 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

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- 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

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### 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

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- **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

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- Journal of Behavioral and Experimental Economics
- Quality & Quantity

## SELECTED PROFESSIONAL EXPERIENCE

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- 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

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- 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

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**Jon A. Krosnick (Ph.D. Advisor)**

Frederic O. Glover Professor in Humanities and Social Sciences

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