

Catherine Chen

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EDUCATION

Stanford University, Stanford, CA

September 2018 – Expected June 2023

Ph.D. in Communication

Northwestern University, Evanston, IL

June 2016-June 2017

Master of Science in Journalism, GPA 3.893/4.00

Relevant courses: Linear Models (Ph.D. level seminar), Public Opinion, Media and Democracy (Ph.D. level seminar), Applied Quantitative Methods (Ph.D. level workshop), Frameworks of Modern Journalism, Audience Insight, How 21st Century Media work

Hong Kong Baptist University, Hong Kong

September 2012- May 2016

Bachelor of Social Science in Communication

First Class Honours

Monash University, Melbourne, Australia

February 2015- June 2015

Exchange Student

CONFERENCE PRESENTATIONS

Chen, C., Kathmandu, A., & Cohen, G. L. (2019, February). *Seeking Truth or Helping Human? Framing of Science Affects Judgment of it*. Paper submitted to the 2019 Society for Personality and Social Psychology (SPSP) Annual Convention, Portland, OR.

Chen, C., Wang, L., Kathmandu, A., & Cohen, G. L. (2018, August). *Congruity in Communal Goals between Liberals and Conservatives*. Talk to be given at the American Psychological Association (APA) Annual Convention, San Francisco, CA.

Kathmandu, A., **Chen, C.,** Wang, L., & Cohen, G. L. (2018, August). *Judging Science by its Covers: The Framing of Scientific Discoveries Affected Public Judgment*. Paper to be presented at the American Psychological Association (APA) Annual Convention, San Francisco, CA.

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.

Song, J., Kathmandu, A., **Chen, C.** & Zhang, Y. (2018, May). *Can Successful Machine Learning Algorithms Generalize across Culture? A Case on Predicting Academic Achievement*. Poster presented at the 30th Convention of the American Psychological Society (APS), San Francisco, CA.

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.

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.

RESEARCH EXPERIENCE

Department of Psychology, Stanford University Sept 2017-June 2018

Advisor: Professor Geoffrey Cohen, James G. March Professor of Organizational Studies in Education and Business

Framing science project

- Designed a RCT with Facebook Pixel to explore the consequences of different ways to present the same science discovery
- Designed surveys with Qualtrics that further examined science framings and distribute it on Amazon Mechanical Turk
- Data analysis: Chi-square, t-test, ANOVA, MAVONA, logistics regression, linear regression and simple slope with R and SPSS
- Found that the more emphasis placed on the practical and accessible applications of a scientific research gives the research a higher perceived importance

Name order effect project

- Analyzed if different voting techniques (voting machine, paper ballot, punch card) moderate name order effect with Ohio 2004 Primary Election data
- Simulated voting process online with JavaScript
- Invited volunteers to the lab and conducted offline voting experiment

Gender gap in STEM project

- Ran logistic regression and linear regression (OLS, HLM) with R to analyze data from Program for International Student Assessment (N=480,174)
- Found that individualism moderates the gender gap in STEM, robust to country level and individual level confounders
- Data visualization with ggplot package in R

Department of Political Science, Northwestern University Sept 2016-Aug 2017

Advisor: Professor Richard Sobel

- Used Pew and Gallup poll data (2005-2016) to examine the role of public opinion in US foreign policy and national security policy making
- Tested V. O. Key's "system of dikes" theory and examined the effect of new media in political deliberation
- Drafted two chapters of Professor Sobel's book, *People and Their Opinions*
- Served as the intern coordinator for the lab, organized weekly lab meeting and oversaw five other interns' work

School of Communication, Hong Kong Baptist University Feb 2016-May 2016

Advisor: Professor Tien Ee Dominic Yeo, Director of the Organizational Communication program

- Conducted literature review for issue public of LGBT group in Hong Kong
- Designed and distributed a survey to examine how the internet helped people learn about LGBT group
- Coding and codebook improvement

SKILLS

- Online platform survey design and distribution tools including Qualtrics, Amazon Mechanical Turk and Turk Prime
- Data Analyzing skills including use of R, SPSS and SQL
- Programming skills including use of Python, HTML, CSS and JavaScript
- Video, audio & still photo editing skills, including Premiere, Final Cut Pro and Photoshop
- Website building and CMS skills including WordPress and Storify

PROFESSIONAL EXPERIENCE

Video Producer, Medill News Service, Chicago, IL June 2016-December 2016

Wrote and took videos for [campus news](#), covered local stories like [exhibitions at Chicago museums](#), national stories like [use of lab animals](#), edited raw materials submitted by reporters, edited and oversaw a TV show for [the 2016 Presidential Election](#)

Reporter & Editor, The Young Reporter, Hong Kong February 2014-February 2016

Covered local Hong Kong issues including the [Occupy Central Movement](#), [used drug disposal](#) and [outcomes of trawling ban](#), collected and assessed data on Hong Kong politics, copy-edited stories of junior students, managed publishing layout

Video Producer, Agence France-Presse, Hong Kong June 2015-August 2015

Took and edited videos of press conferences and parades, edited and produced web video stories including [truck bomb in Kabul](#), [fear over the Tianjin chemical blast](#) and [sturgeon protection in Bulgaria](#), corresponded with other Asia-Pacific AFP branches

Media Relations Officer, Sina Corp., Dalian, China June 2014-August 2014

Initiated and developed multi-media promotion campaigns for Sina and cooperating companies

LANGUAGE

Native mandarin, proficient English and Cantonese, elementary French