# YINGDAN LU

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# Research Areas

- Political Communication: Digital Media, Misinformation and Disinformation, Propaganda, Authoritarian Politics
- Computational Social Science Methods: Automated Text Analysis, Computer Vision, Deep Learning

## EDUCATION

Stanford University Stanford, CA

Ph.D. in Communication, Advisor: Prof. Jennifer Pan 2017–2023

Ph.D. Minor in Political Science

Committee: Jennifer Pan, Jeffrey T. Hancock, Angèle Christin, Andrew G. Walder

Stanford University Stanford, CA

M.A. in East Asian Studies, Advisor: Prof. Larry Diamond 2015–2017

Tsinghua University

Beijing, China

B.A. in Journalism and Communication (graduated with honor) 2011–2015

University of Michigan

Ann Arbor, Michigan

Certificate in Inter-university Consortium for Political and Social Research (ICPSR) Program

2016

#### Peer-Reviewed Publications

- [5] Lu, Yingdan, Jennifer Pan. 2021. The Pervasive Presence of Chinese Government Content on Douyin Trending Videos. Computational Communication Research. Forthcoming.
- [4] Lu, Yingdan, Jennifer Pan, and Yiqing Xu. 2021. Public Sentiment on Chinese Social Media during the Emergence of COVID-19. *Journal of Quantitative Description: Digital Media*. 1, 1-47
- [3] Lu, Yingdan and Jennifer Pan. 2021. Capturing Clicks: How the Chinese Government Uses Clickbait to Compete for Visiblity. *Political Communication*, 38(1-2), 23-54
- [2] Reeves, Byron, Nilam Ram, Thomas N. Robinson, James J. Cummings, C. Lee Giles, Jennifer Pan [...] **Yingdan** Lu, et al. 2021. Screenomics: A framework to capture and analyze personal life experiences and the ways that technology shapes them. *Human-Computer Interaction*, 36(2), 150-201.
- [1] Lu, Yingdan. 2015. Social Media Technology and Female Emancipation in China: Case Study in Sina-Weibo, Synergy: The Journal of Contemporary Asian Studies, University of Toronto, 12(1).

#### Selected working papers

- [6] Muise, Daniel, **Yingdan Lu**, Jennifer Pan, and Byron Reeves. Selectively Localized: Comparing Temporal and Visual Structure of Screen Interactions across Media Environments (R&R, Mobile Media & Communication)
- [5] Chen, Anfan, **Yingdan Lu**, Kaiping Chen, and Aaron Ng. Pandemic Nationalism: Use of Government Social Media for Political Information and Belief in COVID-19 Conspiracy Theories in China (Under review)

- [4] Lu, Yingdan, Jack Schaefer, Kunwoo park, Jungseock Joo, and Jennifer Pan. Information Flows Between Global and Chinese Social Media (Under review)
- [3] Angèle Christin & Yingdan Lu. The Influencer Pay Gap: Platform Labor Meets Racial Capitalism (Extended Abstract Under Review)
- [2] Lu, Yingdan and Cuihua Shen. Unpacking multimodal fact-checking: Features and engagement of fact-checking videos on Chinese TikTok (Douyin) (Manuscript in preparation)
- [1] Lu, Yingdan, Jennifer Pan, Yiqing Xu, and Xu Xu. Evolution of Propaganda in the Era of Digital Media (Manuscript in preparation)

#### Selected Conference Presentations

- [11] Lu, Y. & Shen, C. (2021, September). Unpacking multimodal fact-checking: features and engagement of fact-checking videos on Chinese TikTok. Presented at *The 3rd Multidisciplinary International Symposium on Disinformation in Open Online Media (MISDOOM)*, virtual
- [10] Lu, Y., Pan, J. & Xu, Y. (2021, September). Public Sentiment on Chinese Social Media during the Emergence of COVID-19. Presented in "Chinese Politics Mini-Conference" at American Political Science Association (APSA) Annual Meeting, virtual
- [9] Lu, Y., Schaefer, J., Joo, J., Park, K. & Pan, J. (2021, September). Tale of Two Internets: How Information Flows from the US to Chinese Social Media. Presented at Virtual Conference of the International Journal of Press/Politics, virtual
- [8] Chen, A., Lu, Y., Chen, K., & Ng, A. (2021, September). Pandemic Nationalism: How Exposure to Government Social Media Affects People's Belief in COVID-19 Conspiracy Theories in China. Presented at *Virtual Conference of the International Journal of Press/Politics*, virtual
- [7] Lu, Y. & Pan, J. (2021, August). The Pervasive Presence of Chinese Government Content on Douyin Trending Videos. Presented at Association for Education in Journalism and Mass Communication (AEJMC) 2021 Annual Conference, virtual
- [6] Lu, Y. & Pan, J. (2021, July). The Pervasive Presence of Chinese Government Content on Douyin Trending Videos. Presented at *International Conference on Computational Social Science (IC2S2) 2021*, virtual
- [5] Lu, Y. & Pan, J. (2020, September). Capturing Clicks: How the Chinese Government Uses Clickbait to Compete for Visiblity. Presented at "Chinese Politics Mini-Conference" at American Political Science Association (APSA) Annual Meeting, virtual.
- [4] Lu, Y. & Pan, J. (2020, August). Capturing Clicks: How the Chinese Government Uses Clickbait to Compete for Visibility. Presented at *International Conference on Computational Social Science (IC2S2) 2020*, virtual.
- [3] Lu, Y. & Pan, J. (2020, May). Capturing Clicks: How the Chinese Government Uses Clickbait to Compete for Visibility. Presented at *International Communication Association's (ICA) 70th Annual Conference*, virtual.
- [2] Lu, Y., Muise D., Pan, J., & Reeves, B. (2018, May). Micro-Level Natural Interaction with Information Systems: An International Screenshot Comparison. Presented at *International Communication Association's (ICA) 68th Annual Conference*, Prague, Czech Republic.
- [1] Lu, Y., & Yu, X. (2016, November). Public Intellectuals Deliberation on Chinese Weibo: Case study of School-bus Safety Incident. Presented at *National Communication Association 2016 Annual Convention*, Philadelphia, PA.

# AWARDS AND GRANTS

Kerry Group Kuok Foundation

Research Intern

Awards and Fellowships	
• Stanford Center for Computational Social Science Fellowship Award	2020-2021
• Stanford Graduate Fellowship in Science and Engineering	2017-2021
• Stanford Asia Pacific Scholar Fellowship	2016
• Beijing Distinguished Graduate Student Award	2015
• People.cn Best Paper Award (First Prize)	2015
• Bronze Medalist in TECO Green Tech Contest	2014
• Evergrande Comprehensive Scholarship	2014
• Hang Seng Bank Mainland Scholarship	2013
Research Grants	
• Summer Institutes in Computational Social Science (SICSS) Research Grant, \$2,500, PI	2021
• The Program on Democracy and the Internet, \$10,000, Sole-PI	2020-2021
- $Magic\ Grant$ from Brown Institute for Media Innovation, \$100,000, $co\text{-}PI$	2019-2020
• Google Cloud Credit Grant, \$250, Sole-PI	2020
- Stanford Global Studies (SGS) Global Perspectives Travel Grant, \$3,500, $Sole\text{-}PI$	2016
• Center For East Asian Studies (CEAS) Summer Grant, \$3,900, Sole-PI	2016
- Hoover Institution Library & Archives Silas Palmer Research Fellowship, $\$2,000,\ Sole\text{-}PI$	2015
- Tsinghua Undergraduate Overseas Research Training Fellowship, \$1,500, $Sole\text{-}PI$	2014
OTHER RESEARCH EXPERIENCES	
Human Screenome Project, Stanford University Student Affiliate	Stanford, CA 2017–present
Stanford Data Science Collaboratory, Stanford University Student Member	Stanford, CA 2019–2021
School of Public Policy and Management, Tsinghua University Visiting Scholar Oct 2020 - Sep	Beijing, China o 2021, Jun - Aug 2018
Japan International Cooperation Agency Research Institute (JICA-RI) Global Policy Intern	Tokyo, Japan Jun - Sep, 2016
USC Annenberg Center for the Digital Future Research Intern	Los Angeles, CA Jun - Aug, 2014

2012-2013

Guizhou, China

# TEACHING

# COMM 1: Introduction to Communication, Stanford University Fall 2019-2020 Instructor: Professor Jeff Hancock - Independently taught weekly tutorial sessions - Managed online quizzes and exams on Canvas COMM 206: Communication Research Methods, Stanford University Winter 2019-2020 Instructor: Professor Anna Gibson Independently taught weekly lab sessions in R - Mentored student class projects Guest lecture for Social Media Analytics, UW-Madison Nov 2020 Invited by Prof. Kaiping Chen Guest lecture for Natural Language Processing, University of San Francisco Nov 2020 Invited by Prof. Adam Gorski Guest lecture for Comparative Journalism Studies, Tsinghua University Nov 2020 Invited by Prof. Xin Yu

# INVITED TALKS

• Center for Work Technology and Organization, Stanford University	Dec 2021
• School of Journalism and Communication, Shandong University	Nov 2021
• ICA Regional Hub Symposium, Central South University	May 2021
• Chinese Political Communication Forum, Communication University of China	May 2021
• Stanford University, Data Science Lab	Feb 2020, Feb 2021
• Tsinghua University, China Computational Social Science Forum	Jan 2021
• Tsinghua University, The Forum for Frontier Theories and Methods in Political Science	Dec 2020
• United Nations University on Computing and Society, Conversation Series	July 2019
• Tsinghua University, Political Methodology Workshop	Jan 2018

#### Academic Leadership

#### Founder, COMputation Island

An online community for computational communication research (CCR) based on WeChat

Feb 2021 - present

- Organized and launched this platform to share cutting-edge research, facilitate academic discussions, and promote data and information resource exchanges among CCR students and scholars in China
- Led and managed the platform maintenance, editor recruitment, editorial work, and platform outreach
- Wrote and co-edited articles to introduce computational communication research, computational methods, and introductory textbooks for CCR study to Chinese audience

#### Co-chaired panel "Propaganda in the computational age: disinformation and beyond"

International Communication Association's 70th Annual Conference

May 2020

- Proposed this panel with Prof. King-wa Fu from The University of Hong Kong
- Invited international scholars from seven institutions to present their latest works in computational propaganda and disinformation.

#### Chair, Tsinghua-Huawei New Media Association

Tsinghua University 2014 - 2015

#### SERVICES

#### Ad-hoc Reviewer (by alphabetical order)

American Journal of Political Science

Asian Studies Review

Chinese Journal of Communication

Journal of Politics

PLoS ONE

Political Research Quarterly

# Institute for Research in the Social Sciences, Stanford University

2019 - present

Department Liaison

# Department of Communication, Stanford University

2020 - present

International Student Chair

#### Center for East Asian Studies, Stanford University

2021, 2019

Alumni Mentor for Careers in Academia Event

#### Professor Jennifer Pan's Lab, Stanford University

2018 - 2020

Group Coordinator

# Digital Humanities Asia 2018 Summit, Stanford University

2017 - 2018

Conference Assistant

### State of the Field in Chinese Politics Conference, Stanford University

December 2018

Student Assistant

# Professional Experiences

Bloomberg	Businessweek	China
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Beijing, China

Journalist Intern

2014

### Bayer China

Beijing, China

CSR Intern

2014 - 2015

#### Ruder Finn Asia

Beijing, China

Public Relations Intern

2013

#### China News Agency

Beijing, China

Journalist Intern, Political News Department

2013

# SKILLS

- Statistical Programming/Markup Languages: R, Python, Stata, SPSS, LATEX, SQL, Java
- Languages: Mandarin(Native), English(Proficient), Korean(Intermediate), Japanese(Elementary)
- Applications: Tableau, Adobe Creative Suite, Premiere Pro, Final Cut Pro