

## RESEARCH AREAS

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

## EDUCATION

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**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: 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

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- [6] Muise, Daniel, **Yingdan Lu** (corresponding author), Jennifer Pan, and Byron Reeves. 2022. [Selectively Localized: Comparing Temporal and Visual Structure of Screen Interactions across Media Environments](#). *Mobile Media & Communication*. Forthcoming.
- [5] **Lu, Yingdan** and 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 Visibility](#). *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).

## BOOK CHAPTER

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- [1] Peng, Yilang, and **Lu Yingdan**. (Forthcoming). Computational visual analysis in political communication. A. Veneti & D. Lilleker (eds.). *Research Handbook in Visual Politics*. Edward Elgar.

## SELECTED WORKING PAPERS

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- [6] **Lu, Yingdan**, Jack Schaefer, Kunwoo park, Jungseock Joo, and Jennifer Pan. How Information Flows from the World to China (R&R, *The International Journal of Press & Politics*)
- [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 (R&R, *The International Journal of Press & Politics*)
- [4] **Lu, Yingdan** and Cuihua Shen. Unpacking multimodal fact-checking: Features and engagement of fact-checking videos on Chinese TikTok (Douyin) (Under review)
- [3] Chen, Kaiping, **Lu, Yingdan**, and Yiming Wang. Toward an Evidence-Driven Understanding of China Digital Trace Research and Quality Criteria in Chinese Communication Research (Under review)
- [2] Christin, Angèle, and **Yingdan Lu**. The Influencer Pay Gap: Platform Labor Meets Racial Capitalism (Under review)
- [1] **Lu, Yingdan**, Jennifer Pan, Yiqing Xu, and Xu Xu. The Evolution of Propaganda in the Digital Age (Manuscript in preparation)

## AWARDS AND GRANTS

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### Awards and Fellowships

- Stanford Institute for Research in the Social Sciences Dissertation Fellowship 2022–2023
- 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

- Center For East Asian Studies (CEAS) Conference Travel Grant, \$1000 2022
- Summer Institutes in Computational Social Science (SICSS) Research Grant, \$2,500, *PI* 2021
- The Program on Democracy and the Internet, \$10,000, *PI* 2020-2021
- *Magic Grant* from Brown Institute for Media Innovation, \$100,000, *co-PI* 2019-2020
- Google Cloud Credit Grant, \$250, *PI* 2020
- Center For East Asian Studies (CEAS) Conference Travel Grant, \$500 2016
- Stanford Global Studies (SGS) Global Perspectives Travel Grant, \$3,500, *PI* 2016
- Center For East Asian Studies (CEAS) Summer Grant, \$3,900, *PI* 2016
- Hoover Institution Library & Archives Silas Palmer Research Fellowship, \$2,000, *PI* 2015
- Tsinghua Undergraduate Overseas Research Training Fellowship, \$1,500, *PI* 2014

## INVITED TALKS

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- **Chinese Politics Research in Progress Workshop**, virtual Apr 2022
- **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

## SELECTED CONFERENCE PRESENTATIONS

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- [21] Lu, Y., Pan, J., Xu, X. & Xu, Y. (2022, September). The Evolution of Propaganda in the Digital Age. Scheduled at *American Political Science Association (APSA) Annual Meeting*, Montréal, Québec, Canada
- [20] Lu, Y., Pan, J., Xu, X. & Xu, Y. (2022, July). The Evolution of Propaganda in the Digital Age. Scheduled at *International Conference on Computational Social Science (IC2S2) 2022*, Chicago, IL
- [19] Lu, Y. & Shen, C. (2022, July). Unpacking multimodal fact-checking: Features and engagement of fact-checking videos on Chinese TikTok (Douyin). Scheduled at *International Conference on Computational Social Science (IC2S2) 2022*, Chicago, IL
- [18] Christin, A. & Lu, Y. (2022, July). The Influencer Pay Gap: Platform Labor Meets Racial Capitalism. Scheduled at *Society for the Advancement of Socio-Economics (SASE) 34th Annual Meeting*, Amsterdam, The Netherlands
- [17] Lu, Y., Schaefer, J., Joo, J., Park, K. & Pan, J. (2022, May). Information Flows Between Global and Chinese Social Media. Scheduled at *International Communication Association's (ICA) 72nd Annual Conference*, Paris, France
- [16] Lu, Y. & Shen, C. (2022, May). Unpacking multimodal fact-checking: Features and engagement of fact-checking videos on Chinese TikTok (Douyin). Scheduled at *International Communication Association's (ICA) 72nd Annual Conference*, Paris, France
- [15] Lu, Y., Liu, S., & Hancock, J. (2022, May). Computational Approaches to Understanding Credibility in Video-Based Misinformation: An Analysis of Covid-19 Content on TikTok. Scheduled at *International Communication Association's (ICA) 72nd Annual Conference*, Paris, France
- [14] Chen, K., Zou, S. & Lu, Y. (2022, May). Thanks to My Country's Love!: Examining Nationalist Narratives in COVID vaccine-related Videos on Douyin Through Large-Scale Visual and Textual Analysis. Scheduled at *International Communication Association's (ICA) 72nd Annual Conference*, Paris, France
- [13] Chen, A., Lu, Y., Chen, K., & Ng, A. (2022, May). Pandemic Nationalism: Use of Government Social Media for Political Information and Belief in COVID-19 Conspiracy Theories in China. Scheduled at *International Communication Association's (ICA) 72nd Annual Conference*, Paris, France
- [12] Lu, Y., Pan, J., Xu, X. & Xu, Y. (2022, April). The Evolution of Propaganda in the Digital Age. Scheduled at *Midwest Political Science Association Annual Meeting*, Chicago, IL
- [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 Visibility. 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.

## TEACHING

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### **COMM 1: Introduction to Communication**, Stanford University

Fall 2019-2020

Instructor: Professor Jeff Hancock

- Independently taught weekly tutorial sessions
- Managed online quizzes, exams on Canvas, and grading

### **COMM 206: Communication Research Methods**, Stanford University

Winter 2019-2020

Instructor: Professor Anna Gibson

- Independently taught weekly R sessions and tutored students on R
- Mentored student class projects and managed grading

### **Guest lecture for *Social Media Analytics***, UW-Madison

March 2022

*Rethinking Life on Screens: Measuring smartphone activities through Screenomics*

### **Guest lecture for *Social Media Analytics***, UW-Madison

Nov 2020

*Capturing Clicks: How the Chinese Government Uses Clickbait to Compete for Visibility*

### **Guest lecture for *Natural Language Processing***, University of San Francisco

Nov 2020

*Capturing Clicks: How the Chinese Government Uses Clickbait to Compete for Visibility*

### **Guest lecture for *Comparative Journalism Studies***, Tsinghua University

Nov 2020

*Image as data: Automated Visual Analysis in Studying New Media*

## ACADEMIC LEADERSHIP

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### **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 “Video-as-data in computational communication”**

International Communication Association’s 72nd Annual Conference May 2022

- Proposed this panel with Prof. Kaiping Chen from UW-Madison
- Invited international scholars from ten institutions to discuss the frontiers of developing and applying computational methods to analyze large-scale video datasets to study political and science communication.

### **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

## OTHER RESEARCH EXPERIENCES

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### **Human Screenome Project, Stanford University**

Student Affiliate Stanford, CA 2017–2020

### **Stanford Data Science Collaboratory, Stanford University**

Student Member Stanford, CA 2019–2021

### **School of Public Policy and Management, Tsinghua University**

Visiting Scholar Beijing, China Oct 2020 - Sep 2021

### **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

### **Kerry Group Kuok Foundation**

Research Intern Guizhou, China 2012–2013

## SERVICE

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

*American Journal of Political Science*

*Asian Studies Review*

*Chinese Journal of Communication*

*Computational Communication Research*

*Journal of Politics*  
*New Media & Society*  
*PLoS ONE*  
*Political Research Quarterly*

<b>Institute for Research in the Social Sciences, Stanford University</b> Department Liaison	2019 - present
<b>Department of Communication, Stanford University</b> International Student Chair	2020 - present
<b>Center for East Asian Studies, Stanford University</b> Alumni Mentor for <i>Careers in Academia</i> Event	2021, 2019
<b>Professor Jennifer Pan's Lab, Stanford University</b> Group Coordinator	2018 - 2020
<b>Digital Humanities Asia 2018 Summit, Stanford University</b> Conference Assistant	2017 - 2018
<b><i>State of the Field in Chinese Politics</i> Conference, Stanford University</b> Student Assistant	December 2018

## PROFESSIONAL EXPERIENCE

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<b>Bloomberg Businessweek China</b> Journalist Intern	Beijing, China 2014
<b>Bayer China</b> CSR Intern	Beijing, China 2014 - 2015
<b>Ruder Finn Asia</b> Public Relations Intern	Beijing, China 2013
<b>China News Agency</b> Journalist Intern, Political News Department	Beijing, China 2013

## SKILLS

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