

**Kaiping Chen**  
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## ACADEMIC POSITIONS

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**Assistant Professor in Computational Communication, University of Wisconsin-Madison** Aug 2019-  
Department of Life Sciences Communication

## EDUCATION

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**Stanford University, Department of Communication, Stanford, CA**  
Ph.D. in Communication June 2019  
Dissertation Committee: James Fishkin, Jennifer Pan, Shanto Iyengar, Ashish Goel  
Certificate in *Computational Social Science* June 2018

**Columbia University, School of International and Public Affairs, New York, NY**  
Master in Public Administration (MPA) May 2014

**Fudan University, Shanghai, China**  
Bachelor of Law in Political Science and Public Administration (graduated with honor) June 2012  
Bachelor of Arts in Economics (second major)

**Yale University, New Haven, CT** Summer 2011  
Summer School Program with Full Scholarship.

## RESEARCH INTERESTS

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### *Substantive*

Social Media, Public Deliberation, Information Politics, Political Representation, Government Responsiveness,

### *Methodological*

Automated Text Analysis, Machine Learning, Data Mining, Causal Inference, Experimental Design

## PUBLICATIONS

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### **Digital Media and Government Accountability**

Open Governance of Cities: A New Paradigm for Understanding Urban Collaboration” with Albert Meijer and Miriam Lips (forthcoming) in *Frontiers In Sustainable Cities*.

“Barriers for Crowd’s Impact in Crowdsourced Policymaking: Civic Data Overload and Filter Hierarchy” with Tanja Aitamurto in *International Public Management Journal* 22(1), 99-126, 2019.

“How Digital Contributions from Citizens Can Help U.S. Public Officials Govern Effectively”, in *Scholars Strategy Network*, 2019.

“Concealing Corruption: How Chinese Officials Distort Upward Reporting of Online Grievances” with Jennifer Pan in *American Political Science Review* 112(3), 602-620, 2018.

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“The Value of Crowdsourcing in Public Policymaking: Epistemic, Democratic and Economic Value” with Tanja Aitamurto in *The Theory and Practice of Legislation* 5(1), 55-72, 2017.

## Data Science Methods

“Data Science and Political Economy: Application to Financial Regulatory Structure” with Sharyn O’Halloran, Sameer Maskey, Geraldine McAllister and David Park in *The Russell Sage Foundation Journal of the Social Sciences*, 2(7), 87-109, 2016.

“Civic CrowdAnalytics: Making Sense of Crowdsourced Civic Input with Big Data Tools” with Tanja Aitamurto, Jorge Galli, Luis Santana and Ahmed Cherif in *Academic MindTrek Proceedings, Association for Computing Machinery*. Tampere, Finland, 86-94, 2016.

“Big Data and the Regulation of Financial Markets” with Sharyn O’Halloran, Sameer Maskey, Geraldine McAllister and David Park in *Advances in Social Network Analysis and Mining Proceedings: 1118-1124*. Editors: Jian Pei, Fabrizio Silvestri, Jie Tang. Paris, France, 2015.

“Data Science and Political Economy: Application to Financial Regulatory Structure” with Sharyn O’Halloran, Sameer Maskey, Geraldine McAllister and David Park in *Big Data and Political Economy*. Edited by Howard Rosenthal, New York: Russell Sage Press, 2015.

## Information Technology and AI

“The Impact of Augmented Reality on Art Engagement: Liking, Impression of Learning, and Distraction” with Tanja Aitamurto et al. in Chen JYC, Fragomeni G. (Eds.) in *Virtual, Augmented and Mixed Reality*, LNCS, vol. 10910, 1-19. Springer, Heidelberg, 2018.

## WORKING PAPERS

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\* all of the below manuscripts are available on website or upon request

“Mobilizing the Mini-Publics: The Causal Impact of Deliberation on Civic Participation Using Panel Data” with Shelley Boulianne and David Kahane (revised and resubmitted).

“Enhancing Accountability in a Non-electoral Environment: A Case of Citizen Participatory Budgeting in China” with Muhua Lin and Jun Ma (revise and resubmit).

“Is Social Media an Effective Platform for Constituency Communication? A Conjoint Survey Experiment with Elected Officials in the United States.” with Nathan Lee and William Marble.

“Data Overload, Filtering and ‘Analysis Paralysis’ Disable Digital Democracy” with Jim Macnamara (under review).

“Who Can Deliberate? Deliberative Reasoning in Ghana’s First Deliberative Poll on Agriculture, Public Health, and Environment.”

“Authoritarian Deliberation? Examining Deliberative Reasoning in Macau’s Deliberative Poll?” with Samuel Chang.

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“Authoritarian Responsiveness and Competition Over the Spoils of Patronage” with Jennifer Pan and Haemin Jee.

## AWARDS & FELLOWSHIPS

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Stanford Digital Humanities Fellow	Sept 2017- June 2018
Stanford Graduate Fellowship	Sept 2014 - June 2019
Hewlett Packard Enterprise “The Living Progress Challenge” Winner for Top Five Ideas in Public Sector	2016
Columbia University Merit-based Scholarship	Sept 2013
Chinese National Scholarship (awarded to top 1% of college students in China)	Sept 2011
Yale University Summer School Program Full Scholarship	Sept 2011

## ACADEMIC LEADERSHIP

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**Co-Chaired** Panel “Advances in Political Methodology”, Annual Conference of Mid-west Political Science Association, Chicago, 2019

**Co-Chaired** Panel “Government Responsiveness in Autocracy”, *Annual Conference of American Political Science Association*, Boston, 2018.

- Proposed this panel with Jennifer Pan and Haemin Jee from Stanford University

**Co-Chaired** Panel “Open Governance”, *Annual Conference of the International Research Society for Public Management*, Hong Kong, China, 2016.

- Proposed this panel with Stephen Osborne from the University of Edinburgh
- Selected and evaluated submitted papers
- Hosted the panel for an audience of around 100

**Chaired** Panel “Fact Checking the Fact Checkers”, *Annual Conference of the American Political Science Association*, San Francisco CA, 2015.

- Led panel discussion for an audience of around 60

**Serve on** Editorial Board of the *International Public Management Journal*

**Reviewer** for *New Media & Society*,  
*American Political Science Review*, *Journal of Politics*, *British Journal of Political Science*,  
*International Public Management Journal*,  
*Comparative Economic Studies*,  
*Empirical Methods in Natural Language Processing*, *Association for Computational Linguistics*,  
*CHI Conference on Human Factors in Computing Systems*

## CONFERENCE PRESENTATIONS

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“Can the Mass Public Deliberate in Semi-Authoritarian Setting? Examining Deliberative Reasoning in Macau’s Deliberative Poll” *ICA*, Washington D.C., 2019.

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“Can the Mass Public Deliberate in Semi-Authoritarian Setting? Examining Deliberative Reasoning in Macau’s Deliberative Poll” *Annual Conference of the Mid-west Political Science Association*, Chicago, 2019.

“Can the Mass Public Deliberate in Semi-Authoritarian Setting? Examining Deliberative Reasoning in Macau’s Deliberative Poll” *APSA Preconference on Politics and Computational Social Science*, Boston, 2018.

“Patronage and Government Responsiveness in China” *Annual Conference of the American Political Science Association*, Boston, 2018.

“Mobilizing Mini Publics: The Impact of Deliberation on Civic Engagement” *Annual Conference of the American Political Science Association*, Boston, 2018.

“Do Elected Officials Listen to Constituents on Social Media?” *Annual Conference of the American Political Science Association*, Boston, 2018.

“Concealing Corruption: How Chinese Officials Distort Upward Reporting of Online Grievances” *Western Political Science Association Annual Conference*, San Francisco, CA, 2018 (**invited presentation**).

“Who Can Deliberate: Comparing Deliberate Polls in California and Ghana” *Annual Conference of the American Political Science Association*, San Francisco, CA, 2017.

“Examining the Impact of Civic Participation on Crowdsourced Policymaking with Natural Language Processing” co-authored with Tanja Aitamurto. *Annual Conference of the International Communication Association*, San Diego, 2017.

“Exploring the Optimized Network Structure for Discourse Quality - Evidence from Analyzing Reddit Politics” *Annual Conference of the International Communication Association*, San Diego, 2017.

“Who Can Deliberate: Reasoning in Deliberate Polls in California and Ghana”, *International Communication Association Political Communication PhD Student Preconference*, San Diego, 2017.

“Examining the Impact of Civic Participation on Crowdsourced Policymaking with Natural Language Processing” co-authored with Tanja Aitamurto. *Annual Conference of the American Society for Public Administration*, Atlanta, 2017.

“Analyzing the Impact of Citizen Voice in Crowdsourced Policymaking with NLP” at Natural Language Processing-Computational Social Science, *Annual Conference on Empirical Methods in Natural Language Processing*, Austin, Texas, 2016.

“The Power of Citizens’ Voices in Democracy: examining the impact of civic input on crowdsourced policymaking” *Annual Conference of the International Research Society for Public Management*, Hong Kong, China, 2016.

“Examining the Triple Challenges in Crowdsourced Policymaking: Inclusion, Representation, and Synthesis” co-authored with Tanja Aitamurto. *World Congress of Political Science, IPSA and AISP*, Poland, 2016.

“Civic CrowdAnalytics: Making Sense of Crowdsourced Civic Input with Big Data Tools.” Co-authored with Tanja Aitamurto, Jorge Galli, Luis Santana and Ahmed Cherif. *Academic MindTrek*, Tampere, Finland, 2016 (**Best Paper Award**).

“The Application of Habermas to Authoritarian Decision Making”, *Social Innovation Research Conference*, Shanghai, China, 2015.

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“Integrating Reasoning and Democracy: Theory of Communicative Governance and Lessons from the Yanjin Reform” Co-authored with Jun Ma. *Annual Conference of the American Political Science Association*, San Francisco CA, 2015 (Nominated for Timothy Cook Best Graduated Student Paper Award).

## (INVITED) TALKS

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The Hastings Center (2019), University of Wisconsin-Madison (2018), Boston University (2018), Boston College (2018)

## TEACHING INTERESTS

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I am prepared to teach undergraduate and graduate courses including Quantitative Research Methods, Mass Communication, Political Communication. I would also enjoy developing new upper-division and graduate courses on New Media Technology and Civic Engagement, Participatory Democracy in the Digital Age, Computational Methods for Social Science, and Applied Data Science for Policy Analysis.

## TEACHING EXPERIENCE

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Deliberative Democracy and its Critics, Teaching Assistant for James S. Fishkin, Stanford University 2018 & 19

- Co-taught this undergraduate/graduate level course twice for around 30 students
- Led group discussion and instructed students’ seminar leadership papers and research papers

The Dialogue of Democracy, Teaching Assistant for James S. Fishkin, Stanford University 2016 & 19

- Co-taught this undergraduate/graduate level course twice for around 30 students
- Instructed students’ research papers.

Communication Research Methods, Teaching Assistant for Jennifer Pan, Stanford University 2017

- Designed teaching material and taught R programming for around 60 undergraduates and graduates
- Advised students’ projects on research design, hypothesis testing and data visualization

Political Power in American Cities, Course Assistant for Clayton Nall, Stanford University 2017

- Mentored students’ field research projects on local politics in United States
- Guided students’ papers on machine politics and bureaucratic politics

Crowdsourcing in Local Public Policy-Making in the United States 2015 - 2016

- Mentored a student from Foothill College on experiment design and participant observation research
- The student successfully transferred to UC-Berkeley in Fall 2016

Social Stereotype and Media Influence on different groups in the United States 2017

- Mentored a student from Foothill College on large-scale newspaper data collection and analysis
- The student successfully transferred to UC-Berkeley in Fall 2018

## SERVICES

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Liaison of the Institute for Research in the Social Science, Stanford University Sept 2015 - June 2019

Fund Raiser for Columbia Giving Day for the School of International and Public Affairs. Sept - Oct 2017

Peer Advisor at School of International and Public Affairs, Columbia University Sept 2013

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Alumni Mentor at School of International and Public Affairs, Columbia University	June 2014 -
Harvard College Auscr Summit for Young Leaders in China	July - Aug 2008
Founder of the Student Charity Foundation in Shanghai No.3 Girl's High School	Sept 2006

## PROFESSIONAL EXPERIENCE

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<b>City of Palo Alto, Online Crowdsourcing Reform</b> , Palo Alto, CA <i>Reform Advisor</i> <ul style="list-style-type: none"><li>• Advised the City of Palo Alto government on a digital civic engagement reform</li><li>• Led a research team to conduct civic data analysis and presented for the City Comprehensive Plan.</li></ul>	May 2015 - June 2017
<b>New York City Mayor's Campaign Team</b> , New York, NY <i>Field Communicator</i> <ul style="list-style-type: none"><li>• Canvassed and lobbied door-to-door to gather votes for the candidate</li></ul>	May 2013 - Sept 2013
<b>Manhattan Borough President's Office</b> , New York, NY <i>Policy Analyst</i> <ul style="list-style-type: none"><li>• Conducted analysis on a public education project using ethnographic method and interviews</li><li>• Delivered policy recommendations to the president on enhancing holistic approach to education in NYC</li></ul>	Jan 2013 - Sept 2013
<b>Shanghai Municipal Development and Reform Commission</b> , Shanghai <i>Policy Analyst, Industry Economics Office, Yangpu District, Shanghai, China</i> <ul style="list-style-type: none"><li>• Led a five-member team on drafting Technology and Finance policy to assist small-and-medium sized business obtaining financing</li><li>• Managed Government Special Fund for public land use and made fund evaluation</li><li>• Operated an online government special fund platform, including selecting qualified projects for expert oral defense, assisting sign the contract with those businesses and working with the Financial Bureau to offer and monitor funds</li></ul>	May 2012 - Aug 2012
<b>Mayor's Office</b> , New Haven, CT <i>Legislative Assistant and Policy Analyst</i> <ul style="list-style-type: none"><li>• Drafted proposals to diversify fund raise from the state government and private foundations on the "Youth@Work" Project;</li><li>• Identified and contacted potential donors for funding. Successfully raised 10% more funding than originally forecasted</li><li>• Assisted Board of Aldermen in assessing problems in Community Empowerment and Urban Zoning challenges</li></ul>	Aug - Sept 2011

## SKILLS/INTERESTS

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Programming: R, Python, STATA, SPSS, Latex, basic Java, C++, and HTML.

Language: English (Professional, Certificate of Advanced Simultaneous Interpretation), Mandarin Chinese (Native).

Music: Piano Tenth Level Certificate (highest), Shanghai Music Association (26 years experiences).

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## REFERENCES

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James Fishkin  
Professor of Communication and Political Science (by  
courtesy)  
Stanford University  
jfishkin@stanford.edu

Justin Grimmer  
Professor of Political Science  
Stanford University  
justin.grimmer@gmail.com

Nick Couldry  
Professor of Media, Communications and Social Theory  
London School of Economics and Political Science  
N.Couldry@lse.ac.uk

Jennifer Pan  
Assistant Professor of Communication, and Political  
Science and Sociology (by courtesy)  
Stanford University  
jpl@stanford.edu

Steve Kelman  
Professor of Public Management  
Harvard Kennedy School  
Steve\_Kelman@hks.harvard.edu