

# ALVIN ZHOU

Updated: July 2020

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## EDUCATION

### University of Pennsylvania

- Ex. 2022 Ph.D. in Communication, The Annenberg School
- 2020 M.A. in Statistics, The Wharton School
- 2019 M.A. in Communication, The Annenberg School

### University of Southern California

- 2017 M.A. in Strategic Public Relations, The Annenberg School

### Tsinghua University

- 2015 B.Eng. in Mechanical Engineering
- 2015 B.A. in Journalism

## RESEARCH AREAS

- Computational Social Science: Digital Media, Social Networks, Causal Inference
- Strategic Communication: Public Relations, Network Ecology, Public-Public Relationships
- Political Communication: Audience Behavior, News Consumption, Ideological Segregation

## AWARDS AND HONORS

### Academic Research Awards and Honors

- 2019 Robert Heath Award, International Communication Association
- 2019 Top Faculty Paper Award, 1<sup>st</sup> Place, International Communication Association
- 2018 Top Student Paper Award, 1<sup>st</sup> Place, National Communication Association
- 2017-22 Annenberg Summer Fellowship, University of Pennsylvania
- 2017-22 Annenberg Research/Teaching Fellowship, University of Pennsylvania
- 2017 Director's Award for Excellence, University of Southern California
- 2016 Top Student Paper Award, 3<sup>rd</sup> Place, National Communication Association

### Travel and Other Awards and Honors

- 2020 Student Travel Grant, International Communication Association
- 2019-22 GAPSA Student Travel Grant, University of Pennsylvania
- 2019 Prestage-Cook Travel Award, Southern Political Science Association

- 2019 Student Travel Grant, ICA Computational Methods Interest Group
- 2017 Student Travel Grant, International Communication Association
- 2016 GSG Student Travel Grant, University of Southern California
- 2014 Student Leadership Award, Tsinghua University
- 2013 Silver Award, College Student Physics Competition, Chinese Physical Society

## PUBLICATIONS

\* Pre-prints and replication materials for all publications are available on [my OSF page](#).

### Journal Articles

- [3] Xu, S., & Zhou, A. (2020). Hashtag Homophily in Twitter Network: Examining a Controversial Cause-Related Marketing Campaign. *Computers in Human Behavior*, 102, 87-96. [\[doi\]](#) [SSCI, 2019 1Y/5YIF: 5.003/5.696]
- [2] Jaidka, K., Zhou, A., & Lelkes, Y. (2019). Brevity is the Soul of Twitter: The Constraint Affordance and Political Discussion. *Journal of Communication*, 69(4), 345-372. [\[doi\]](#) [SSCI, 2019 1Y/5YIF: 4.846/7.175] [Lead Article] [Media Coverage: [Washington Post](#), [Washington Examiner](#), [Phys.org](#)]
- [1] Zhou, A. (2019). Bring Publics back into Networked Public Relations Research: A Dual-Projection Approach for Network Ecology. *Public Relations Review*, 45(4), 101772. [\[doi\]](#) [SSCI, 2019 1Y/5YIF: 2.321/2.232]

### Working Papers

- [8] Men, R. L., Zhou, A., & Tsai, W.H. S. (In Preparation). *Chatbots in Relationship Building*.
- [7] Zhou, A. (In Preparation). *Public-Public Relationships*.
- [6] Zhou, A., & Yang, A. (In Preparation). *Movement Spillover*.
- [5] Jaidka, K., Zhou, A., Lelkes, Y., Egelhofer, J., & Lecheler, S. (Under Review). *Improving Online Deliberation Through Affordance Manipulation*.
- [4] Zhou, A. (Under Review). *CSR Discourse on LGBTQ Advocacy*.
- [3] Wang, R., Zhou, A., & Bar, F. (Under Review). *Police Brutality in Hong Kong*.
- [2] Zhou, A. (Under Review). *Affordances & Communication Behavior*.
- [1] Zhou, A., & Xu, S. (R&R). *Affordances in Digital Public Relations*.

### Book Reviews

- [2] Zhou, A. (2018). Review of *Society & the Internet: How Networks of Information and Communication are Changing Our Lives*, edited by Mark Graham & William H. Dutton. *Information, Communication & Society*, 21(12), 1769-1771. [\[doi\]](#)
- [1] Zhou, A. (2017). Review of *#Republic: Divided Democracy in the Age of Social Media*, by Cass R. Sunstein. *Journal of Communication*, 67(6), E12-E14. [\[doi\]](#)

### Refereed Conference Presentations

- [12] Zhou, A., & Yang, A. (2020). *Bridging Inter-Movement Networks: A Structural Analysis of Movement Spillover*. National Communication Association (Political Communication Division), Indianapolis, IN.
- [11] Wang, R., Zhou, A., & Bar, F. (2020). *Identifying Network Mechanisms Underlying the Use*

of #HongKongPoliceBrutality. International Network for Social Network Analysis (SunBelt), Paris, France.

- [10] Zhou, A. (2020). *Relationship Management in an Organizational Network Ecology: Toward the Concept of Public-Public Relationships*. International Communication Association (Public Relations Division), Gold Coast, Australia.
- [9] Jaidka, K., Zhou, A., & Lelkes, Y. (2020). *This SIDE of Us: Experiments to Improve Deliberation by Manipulating Social Media Affordances*. International Communication Association (Computational Methods Interest Group), Gold Coast, Australia. [Also Presented at IC2S2 2020]
- [8] Zhou, A., & Xu, S. (2019). *Expanding and Repositioning the “Ease of Interface” Dialogic Principle: The Role of Affordances in Digital Dialogue and Engagement*. International Communication Association (Public Relations Division), Washington, DC. [Robert Heath Award] [Top Faculty Paper Award, 1<sup>st</sup> Place]
- [7] Zhou, A., & González-Bailón, S. (2019). *Revisiting Ideological Segregation on the Web: A Block Model Approach to Audience Network Data*. International Communication Association (Computational Methods Interest Group), Washington, DC.
- [6] Jaidka, K., Zhou, A., & Lelkes, Y. (2019). *The Effect of Technological Affordances on the Online Political Sphere: The Case of Twitter Character Limit Switch*. International Communication Association (Political Communication Division), Washington, DC. [Also Presented at SPSA 2019 & APSA 2019]
- [5] Zhou, A. (2019). *Networks of Publics Overlap: A Network Measure for Social Media Campaign Management*. International Public Relations Research Conference, Orlando, FL.
- [4] Zhou, A., & Xu, S. (2018). *Bigger Playground, Better Dialogues?: A Large-Scale Examination of Corporate Twitter Communication in the 280-Character Era*. National Communication Association (Public Relations Division), Salt Lake City, UT. [Top Student Paper Award, 1<sup>st</sup> Place]
- [3] Zhou, A. (2018). *Bring Publics back into Networked Public Relations Research: A Dual-Projection Approach for Network Ecology*. International Communication Association (Public Relations Division), Prague, Czech Republic.
- [2] Zhou, A., & Khan, A. (2017). *Altruistic or “Pinkwashed” CSR Discourse: An Analysis of Corporate and Non-Profit LGBTQ Values*. International Communication Association (Public Relations Division), San Diego, CA.
- [1] Zhou, A. (2016). *The Emerging Values of Global CSR Discourse: A Cross-National Big-Data Analysis of Fortune Global 500 Companies’ LGBTQ Values*. National Communication Association (Public Relations Division), Philadelphia, PA. [Top Student Paper Award, 3<sup>rd</sup> Place]

## INVITED PRESENTATIONS

- 2019 Invited Panelist, *How Far Have We Come?: Public Relations Theory Building and Development*, International Communication Association.
- 2019 Invited Talk, *Advancing the Network Ecology Approach to Public Relations*, Invited by Adam Saffer, University of North Carolina at Chapel Hill.
- 2019 Invited Talk, *Advancing the Network Ecology Approach to Public Relations*, Invited by Maureen Taylor, University of Tennessee.
- 2016 Invited Talk, *Automated Text Analysis with Topic Modeling*, Invited by Patricia Riley, University of Southern California.

## TEACHING

### Teaching Areas

- Computational Social Science: Data Mining/Visualization, Social Computing, Networks
- Public Relations Theory, Method, and Campaign
- Audience Behavior, News Consumption, Ideological Segregation
- Digital Methods, Quantitative Research Methods, Causal Inference

### Teaching Training and Honors

- 2020 Teaching Certificate, Center for Teaching and Learning, UPenn  
2019 Boot Camp on Online Teaching, Center for Teaching and Learning, UPenn  
2018 Teaching Qualification, Center for Teaching and Learning, UPenn

### Teaching Experiences

- 2020 COMM 313, Computational Text Analysis, University of Pennsylvania  
Teaching Fellow for Matthew O'Donnell, 50 Students  
Manage Weekly Lab Sessions on Text Analysis in Python
- 2019 COMM 226, Intro to Political Communication, University of Pennsylvania  
Teaching Fellow for Doron Taussig, 70 Students  
One Guest Lecture on *Political Polarization*
- 2019 COMM 407, Understanding Social Networks, University of Pennsylvania  
Teaching Fellow for Sandra González-Bailón, 22 Students  
Manage Weekly Lab Sessions on Social Network Analysis in Gephi
- 2019 COMM 130, Media Industries and Society, University of Pennsylvania  
Teaching Fellow for Lee McGuigan, 70 Students  
One Guest Lecture on *The Contemporary Video Game Industry*
- 2019 COMM 284, Public Relations Research, Measurement, and Evaluation, Drexel University  
Guest Lecturer Invited by Hyunmin Lee, 20 Students  
Two Guest Lectures on *Public Relations & Social Networks*

## GRANT EXPERIENCES

- 2020 PI for *Digital Inequalities in Organizational Listening*  
Page/Johnson Legacy Scholar Grant (\$9,900)  
Not Funded. Co-PI: Rita Linjuan Men & Tom Kelleher
- 2020 Co-PI for *Harnessing the Power of Chatbots for Organizational Social Listening*  
Page/Johnson Legacy Scholar Grant (\$5,500)  
Funded. PI: Rita Linjuan Men; Co-PI: Wanhsiu Sunny Tsai
- 2019 Research Fellow for *Effects of Social Network Affordances on Political Discussion Health*  
Facebook Integrity Foundational Research (\$100,000)  
Funded. PI: Yphtach Lelkes
- 2018-20 Research Fellow for *Digital News and the Consumption of Information Online*  
National Science Foundation Grant (\$130,000)  
Funded. PI: Sandra González-Bailón

## **ACADEMIC EXPERIENCES**

- 2020 Research Fellow for Yphtach Lelkes: DIG Research Group
- 2018 The Annenberg Summer Institute for Methods and Statistics (ASIMS)
- 2018 Research Fellow for Sandra González-Bailón: DiMeNet Research Group
- 2017-18 Research Fellow for Damon Centola: Network Dynamics Group
- 2016-17 Research Assistant for Jay Wang: Center on Public Diplomacy
- 2015-17 Research Assistant for Patricia Riley: Scenario Lab
- 2015-17 Research Assistant for Joe Saltzman: The Norman Lear Center
- 2012-14 Research Assistant for Jianbin Jin: Tsinghua-RenRen Social Media Lab
- 2012-14 Research Assistant for Guanpeng Dong: IPRSC

## **SERVICES**

### **Review Services**

- 2019- Ad-hoc Reviewer (by alphabetical order):  
*Political Communication, Public Relations Review*
- 2017- ICA Divisions: Computational Methods, Political Communication, & Public Relations
- 2016- NCA Divisions: Political Communication & Public Relations

### **Administrative and Conference Services**

- 2019- Social Media and Fundraising Committee, Public Relations Division, NCA
- 2018- Group Coordinator, DiMeNet Research Group, University of Pennsylvania
- 2015-17 IJPC Manager, Norman Lear Center, University of Southern California

## **GRADUATE COURSEWORK**

### **Computational Social Science and Advanced Statistics**

- Data Visualization (UPenn Annenberg, Sandra González-Bailón)
- Causal Inference and Bayesian Inference (UPenn Political Science, Daniel Hopkins)
- Research Methods for a Fragmented Media Environment (UPenn Annenberg, Yphtach Lelkes)
- Research Seminar on Computational Social Science (UPenn Annenberg, Damon Centola)
- Experimental Design and Issues in Causality (UPenn Annenberg, Diana Mutz)
- Modern Data Mining (Wharton, Linda Zhao)
- Causal Inference (Wharton, Dylan Small)
- Observational Studies (Wharton, Dylan Small)
- Modern Regression and Machine Learning (Wharton, Richard Berk)
- Nonparametric and Log-Linear Models (Wharton, Paul Rosenbaum)
- Applied Regression and Analysis of Variance (Wharton, Paul Rosenbaum)
- Modern Statistics for Social and Behavioral Sciences (USC Psychology, Rand Wilcox)

### **Strategic Communication**

- Theories of Organizational Communication (USC Annenberg, Patricia Riley)
- Research and Evaluation for Communication Campaigns (UPenn Annenberg, Robert Hornik)

Strategic Public Relations (USC Annenberg, Dotty Diemer)  
Public Relations Theory, Research, and Campaigns (USC Annenberg, Robert Kozinets)  
Multimedia Content Creation for Strategic Public Relations (USC Annenberg, Clint Schaff)  
Economic Foundations of Strategic Public Relations (USC Annenberg, Burghardt Tenderich)  
Ethical Foundations of Strategic Public Relations (USC Annenberg, Daren Brabham)  
Public Relations Writing (USC Annenberg, Ron Grover)

### **Political Communication**

Digital News Consumption (UPenn Annenberg, Sandra González-Bailón)  
Polarization and Partisan Discord (UPenn Annenberg, Yphtach Lelkes)  
Ideological Segregation (UPenn Annenberg, Sandra González-Bailón)  
Affordances and Digital Media (UPenn Annenberg, Yphtach Lelkes)  
Social Psychology in Communication (UPenn Annenberg, Joseph Cappella)  
Communication Research (UPenn Annenberg, Robert Hornik)  
Digital Inequalities (UPenn Annenberg, Julia Ticona)

## **PROFESSIONAL EXPERIENCES**

2014-16 Journalist, Vista Story, Beijing  
2013 Broadcaster Intern, Xinhua News Agency, Beijing  
2013 Reporter Intern, News Probe, China Central Television, Beijing  
2013 Account Executive Intern, BlueFocus Communication Group, Beijing  
2012-13 Vice Chairman, Project Management Association, Tsinghua University  
2012-13 Vice Minister, Tsinghua Student Union, Tsinghua University

## **SKILLS**

Language Mandarin Chinese (native), R, Python,  $\LaTeX$ , SPSS, STATA  
Media Final Cut Pro, Sony Vegas Pro 12, Adobe Illustrator, & Adobe Photoshop, all proficient with years of professional multimedia production experiences