Jae Yeon Kim

Travers Department of Political Science
210 Barrows Hall #1950
Berkeley, CA 94704 USA

Phone: 510-646-5183
Email: jaeyeonkim@berkeley.edu
Homepage: https://jaeyk.github.io

Education

University of California, Berkeley, 2014-Present

Ph.D. Candidate in Political Science, 2017-Present

Advisors: Taeku Lee (co-chair), Paul Pierson (co-chair), Eric Schickler, Irene Bloemraad
Dissertation: Three Essays on the Politics of Solidarity in Multiracial America

M.A. in Political Science, 2016

Korea University, Seoul, South Korea

B.A. in Political Science and English, *magna cum laude*, 2012
Study Abroad, National Chengchi University, Taipei, Fall 2007
Study Abroad, City University of Hong Kong, Hong Kong, Fall 2006

Research Interests

Computational social science, Racial and ethnic politics, Historical social science, Political behavior

Publications

Peer-reviewed journals

1. Kim, J. (2020). Racism Is Not Enough: Minority Coalition Building in San Francisco, Seattle, and Vancouver. *Studies in American Political Development*, 34(2), 195-215

Peer-reviewed conferences

* AAAI = Association for the Advancement of Artificial Intelligence

1. Kim, J, Carlos Ortiz, Sarah Nam, Sarah Santiago, and Vivek Datta. (2020). Intersectional Bias in Hate Speech and Abusive Language Datasets. *Proceedings of the Fourteenth International AAAI Conference on Web and Social Media (ICWSM), Data Challenge Workshop*

Preprints

1. Kim, J. (2020). How Other Minorities Gained Access: The War on Poverty and Asian American and Latino Community Organizing. *SocArXiv*. April 4. Invited to Revise and Resubmit at *Political Research Quarterly*

2. Kim, J. (2020). Integrating Human and Machine Coding to Measure Political Issues in Ethnic Newspaper Articles. *SocArXiv*. April 30. Conditionally accepted at *the Journal of Computational Social Science*

   Winner of the **Don T. Nakanishi Award for Distinguished Scholarship and Service in Asian Pacific American Politics**, Western Political Science Association (2020)

3. Chan, N, Jae Yeon Kim, Vivien Leung. (2020). COVID-19 and Asian Americans: How Social Exclusion Shapes Asian American Politics. *SocArXiv*. September, 26. Under review at the *Perspectives on Politics*.

4. Kim, J and Andrew Thompson. (2020). How Threats Shape the Politics of Marginalized: Evidence from a Natural Experiment and Machine Learning. *SocArXiv*. September 16

5. Kim, J and Alan Yan. (2020). The Two Faces of Linked Fate: How Survey Respondents Interpret Linked Fate Question. *SocArXiv*. September 3

Other publications

1. Kim, J. (2020). Why Teaching Social Scientists How To Code Like A Professional Is Important. *UC Berkeley D-Lab*. September 23

2. Haber, Jaren, Jae Yeon Kim, and Nick Camp. (2020). BAY-SICSS: Bridging Computational Social Scientists and Practitioners for Social Good. *Berkeley Institute of Data Science*. September 15

3. Kim, J. (2020). Five Principles to Get Undergraduates Involved in Real-world Data Science Projects. *SAGE Ocean*. June 24

Work in progress

1. "How Class and Politics Shape Prejudice Against Co-ethnic Refugees: Survey Experimental Evidence from South Korea" (with Taeku Lee)

2. "Power, History, Agency, and Linked Fate" (with Reuel Rogers)

3. How Gender and Popularity Influence Fighting Hate Speech: Survey Experimental Evidence from YouTube (with Jaeung Shim and Daegon Cho)

4. "Digitizing Segregation: How Online Text and Images Shape Parents' Judgments of Charter School Quality and Fit" (with Jaren Haber and Nick Camp)

5. "Applying Computational Thinking to Political Science Research: A Practical Guide" (with Aniket Kesari)

Software

1. tidytweetjson: R package for turning Tweet JSON files into a cleaned and wrangled dataset. The package function takes 4 minutes to turn 2 million tweets into a tidy dataframe.

2. tidyethnicnews: R package for turning search results from the largest database on ethnic newspapers published in the United States ("Ethnic NewsWatch") into a cleaned and wrangled dataset. The package takes 12.34 seconds to turn 5,685 articles into a tidy dataframe.

3. makereproducible: R package for making a project computationally reproducible before sharing it

Datasets

1. Asian American and Latino Advocacy and Community Service Organizations (1868-2016)

Academic Positions

Senior Data Science Fellow, Instructor, and Statistical Consultant, D-Lab, UC Berkeley, May 2019–Present

Visiting Fellow, P3 Lab, SNF Agora Institute, Johns Hopkins University, Fall 2020

Graduate Fellow, D-Lab and Data Science Education Program, UC Berkeley, Spring 2020

Grants and Fellowships

External

1. **Post-SICSS (Summer Institute in Computational Social Science) Grant**, Russell Sage Foundation (with Jaren Haber and Nick Camp), 2019: $6,462
2. **Russell Sage Summer Institute in Computational Social Science**, Princeton University, 2019
3. **Korea Foundation for Advanced Studies Doctoral Fellowship** (in tuition scholarship and stipend), 2014-2019: $220,033
4. **California Poverty and Socioeconomic Inequality Fellows Program**, Blum Initiative for Global and Regional Poverty Studies, 2017: $500

Internal

1. **Data Science Fellowship**, D-Lab, UC Berkeley, 2020
2. **American Democracy Project Fellowship**, American Politics Center, UC Berkeley, 2019-2020: $3,000
3. **Doctoral Completion Fellowship**, Graduate Division and Department of Political Science, UC Berkeley, 2019-2020: $28,000
4. **Department Fellowship**, Department of Political Science, UC Berkeley, 2014-2019
5. **Berkeley Empirical Legal Studies Graduate Fellowship**, Center for the Study of Law and Society, UC Berkeley, 2017: $1,000
6. **Edward Hildebrand Research Fellowship**, Canadian Studies Program, UC Berkeley, 2017: $3,500
7. **Graduate Fellowship in Korean Studies**, Institute of East Asian Studies, UC Berkeley, 2016, 2017, 2018: $15,350
8. **Graduate Fellowship in East Asian Studies**, Institute of East Asian Studies, UC Berkeley, 2015: $3,480
9. **Academic Excellence Scholarships**, Korea University, 2004, 2005, 2006, 2007, 2011

Awards

1. **Don T. Nakanishi Award for Distinguished Scholarship and Service in Asian Pacific American Politics**, Western Political Science Association, 2020, "for making a significant contribution to the understanding of Asian Pacific American politics"
2. **Outstanding Graduate Student Instructor Award**, Graduate Division, UC Berkeley, AY 2016-2017, received by approximately 10 percent of Graduate Student Instructors at Berkeley
3. Political Behavior Field Exam, **Passage with Distinction**, Department of Political Science, UC Berkeley, 2017

Teaching

Graduate seminars

Instructor, An Introduction to Computational Tools and Techniques for Social Science Research, Department of Political Science, UC Berkeley, Spring 2019, Spring 2021 (scheduled)
Original online textbook (work in progress)

Graduate student instructor for Rachel Bernhard, An Introduction to Computational Tools and Techniques for Social Science Research, Department of Political Science, UC Berkeley, Spring 2018

Undergraduate lectures

Graduate student instructor for Professor Laura Stoker, Introduction to Empirical Analysis and Quantitative Methods, Department of Political Science, UC Berkeley, Fall 2016

Workshops

Co-instructor, Research Workshop on Computational Tools for Digital Data Collection, Department of Political Science, UC Berkeley, Fall 2020

Instructor, D-Lab, UC Berkeley, Summer 2020-Present

Machine Learning with Tidymodels

SQL for R Users

R Package Development

Functional Programming in R

Advanced Data Wrangling in R

Reproducible Project Management in R

Co-instructor, Data Science Discovery Team Lead Seminar, Division of Computing, Data Science, and Society, UC Berkeley, Spring 2020

Mentoring

Project lead, Data Science Discovery Program, UC Berkeley, Fall 2019-Spring 2020

Project lead, Undergraduate Research Apprentice Program, UC Berkeley, Fall 2018

Selected Presentations

*=Invited talks

2020 APSA, Joint Political Computational Social Science and Political Network Conference, International AAAI Conference on Web and Social Media Data Challenge Workshop, Summer Institute in Computational Social Science Festival, Computational Social Science Forum (UC Berkeley)*, Data Science Showcase (UC Berkeley), D-Lab Data Science Fellows Talk (UC Berkeley)

2019 MPSA, WPSA, Research Workshop in American Politics (UC Berkeley), Political Behavior Workshop (UC Berkeley), Canadian Studies Colloquium (UC Berkeley), Text Analysis Across Domains, Data Sciene Showcase (UC Berkeley)

2018 APSA, MPSA, WPSA, Politics of Race, Immigration, and Ethnicity Consortium, Association for Asian Studies

2017 MPSA, California Poverty and Socioeconomic Inequality Fellows Symposium

Working Groups

*Forming working groups is a basic part of my working style.

Co-organizer, Summer Institute in Computational Social Science in the San Francisco Bay Area, Fall 2019-Summer 2020

Co-founder and coordinator, Berkeley Historical Social Science Workshop, UC Berkeley, Fall 2019-Present

Co-founder and coordinator, Bias and Fairness in Machine Learning Working Group, D-Lab, UC Berkeley, Spring 2020-Present

Co-founder and coordinator, Race, Resistance, Inequality Workshop, Department of Political Science, UC Berkeley, Fall 2018-Spring 2019

Service

Coordinator: Interdisciplinary Immigration Workshop, UC Berkeley, Fall 2019–Spring 2020

Graduate student representative: Search Committee, Department of Political Science, UC Berkeley, Fall 2016, Fall 2018

Member: Black Bears, Brown Bears Diversity Action Committee, Department of Political Science, UC Berkeley, 2015–Present

Languages and Programming Skills

Languages: fluent in Korean and English; know classical Chinese; read Chinese and Japanese

Programming skills: R, Python, Linux Command Line, Git/Github, SQL

References

Taeku Lee
George Johnson Professor
Law and Political Science, UC Berkeley
510–642–4640
taekulee@berkeley.edu

Paul Pierson
The John Gross Professor
Political Science, UC Berkeley
510–643–6424
pierson@berkeley.edu

Irene Bloemraad
Class of 1951 Professor
Sociology, UC Berkeley
510–642–4287
bloemr@berkeley.edu