Jae Yeon Kim

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Positions

KDI School of Public Policy and Management

> Assistant Professor of Data Science, January 2022–

SNF Agora Institute, Johns Hopkins University

> Research Affiliate, January 2022–
> Assistant Research Scholar (postdoctoral fellow), July 2021–December 2021
> Visiting Student Fellow (predoctroal), Fall 2020–Spring 2021

D-Lab, University of California, Berkeley

> Senior Data Science Fellow, Instructor, and Consultant, Spring 2019–Spring 2021

Education

University of California, Berkeley, USA

> Ph.D., Political Science, 2021
>
> > Fields: Political Behavior (with Distinction), American Politics, Comparative Politics
> > Committee: Paul Pierson and Taeku Lee (co-chairs), Eric Schickler, Irene Bloemraad
>
> M.A., Political Science, 2016

Korea University, Seoul, South Korea

> B.A., English and Political Science (with Great Honors), 2012
>
> Study at National Chengchi University (Fall 2007) and City University of Hong Kong (Fall 2006)

Interests

Substantive: American politics, Racial and ethnic politics, Political behavior, Political organizing
Methodological: Computational social science, Measurement and data collection

Publications

⋆ = equal contributions

Peer-reviewed journal articles

9. "Civil Society, Realized: Equipping the Mass Public to Express Choice and Negotiate Power." (Hahrie Han⋆ and **Jae Yeon Kim**⋆) Forthcoming at *ANNALS of the American Academy of Political and Social Science*

8. "Teaching Computational Social Science for All." (**Jae Yeon Kim** and Margaret Ng) Forthcoming at *PS: Political Science & Politics*

7. "Identity and Status: When Counterspeech Increases Hate Speech Reporting and Why." (**Jae Yeon Kim**, Jaeung Sim, and Daegon Cho) *Information Systems Frontiers* Online First in January 2022 [replication]

6. "COVID-19 and Asian Americans: How Elite Messaging and Social Exclusion Shape Partisan Attitudes." (Nathan Chan, **Jae Yeon Kim**, and Vivien Leung) *Perspectives on Politics*, Online First in December 2021 [replication]

    Media coverage: Washington Post's Monkey Cage, FiveThirtyEight

5. "Rewiring Linked Fate: Bringing Back History, Agency, and Power." (Reuel Rogers* and **Jae Yeon Kim***) *Perspectives on Politics*, Online First in December 2021 [replication]

4. "Misinformation and Hate Speech: The Case of Anti-Asian Hate Speech During the COVID-19 Pandemic." (**Jae Yeon Kim*** and Aniket Kesari*) *Journal of Online Trust and Safety*, 2021, 1(1) [replication]

    Media coverage: Platformer

3. "Integrating Human and Machine Coding to Measure Political Issues in Ethnic Newspaper Articles." (**Jae Yeon Kim**), *Journal of Computational Social Science*, 2021, 4(2), 585-612 [replication]

    Early version won **2020 Western Political Science Association Don T. Nakanishi Award** for distinguished scholarship in Asian Pacific American politics

2. "How Other Minorities Gained Access: The War on Poverty and Asian American and Latino Community Organizing." (**Jae Yeon Kim**), *Political Research Quarterly*, Online First in December 2020 (Published in 2022, 75(1), 89-102) [replication]

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

    Media coverage: National Affairs, UC Berkeley Canadian Studies Program

Peer-reviewed conference and workshop proceedings

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

    Media coverage: AlgorithmWatch Newsletter

Edited volume book chapters

1. "Machines Do Not Decide Hate Speech: Machine Learning, Power, and the Intersectional Approach." (**Jae Yeon Kim**) Forthcoming at *Challenges and Perspectives of Hate Speech Analysis* (Digital Communication Research open-access book series by the German Communication Association)

Under review

4. "Validated Names for Experimental Studies on Ethnicity and Race." (Charles Crabtree, **Jae Yeon Kim**, S. Michael Gaddis, John B. Holbein, Cameron Guage, William Marx, and Kasey Rhee) [replication] Revise and Resubmit at *Nature Scientific Data*

3. "Unbundling Linked Fate: How Survey Respondents Interpret Linked Fate Question." (**Jae Yeon Kim** and Alan Yan) [replication]

2. "Racial Formation and Pandemic: Examining the Shifts in Asian American Perceptions of Discrimination During the COVID Pandemic" (Vivien Leung, **Jae Yeon Kim**, and Natalie Masuoka)

1. "Contested Identity and Prejudice Against Co-ethnic Refugees: Evidence from South Korea." (**Jae Yeon Kim** and Taeku Lee)

Working papers

5. "Preparing Computational Social Science PhD Students for Academic and Non-Academic Careers." (Aniket Kesari*, **Jae Yeon Kim***, Sono Shah*, Taylor Brown*, Tiago Ventura*, and Tina Law*) *In preparation for submission*

4. "Everyday Experience, Immigrant Incorporation, and Asian American Identity." (Taeku Lee and **Jae Yeon Kim**) *In preparation for submission*

3. "Shift without Convergence: How Immigrant-Serving Ethnic Media Respond to Threats." (**Jae Yeon Kim** and Andrew Thompson) *In preparation for submission*

2. "The Unequal Landscape of Civic Opportunity in America." (Milan de Vries, **Jae Yeon Kim**, and Hahrie Han)

1. "Privacy Law Diffusion Across US State Legislatures." (Aniket Kesari and **Jae Yeon Kim**)

Works in progress

9. "How Home Country and Host Society Identity Politics Conflict: Evidence from Asian Americans." (with Joan Cho and DG Kim)

8. "Whose Political Demands Are Radical?: The Dilemma of Radical Politics." (with Gwen Prowse)

7. "Democratic Exclusion: Why Native Responses to Newcomers Vary Across Democracies." (with Aram Hur)

6. "The Hidden But Fragile American Consensus on Public Transit Reform." (with Reuel Rogers and Gwen Prowse)

5. "Invisibility and Presence among Latinos and Asian Americans, 1971-1981." (with G Christina Mora and Dina Okamoto)

4. "Playing the Long Game: Asian American Organizing in Georgia, 2010-2020."

3. "How US Universities Signal Prestige and Inclusion: Evidence from Big Data" (with Liz Mckenna, AJ Alvero, and Milan de Vries)

2. "Selling Segregation: How Charter School Websites Signal Race and Class–and Parents Listen." (with Jaren Haber and Nick Camp)

1. "A Practical Guide to Writing Readable, Reproducible, and Reusable Code." (with Justin Ho)

Research briefs

2. "Thanks to Trump's Rhetoric, Asian Americans Are Moving Toward the Democratic Party." (Nathan Chan, **Jae Yeon Kim**, and Vivien Leung), *Washington Post's Monkey Cage*, March 30, 2021

1. "The Three Tales of Chinatown: Why Racism Is Not Enough to Create a Race-based Coalition among Marginalized Groups." (**Jae Yeon Kim**), *UC Berkeley Canadian Studies Program*, March 29, 2021

Public writing

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

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

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

Projects

1. Mapping the Modern Agora, SNF Agora Institute, Johns Hopkins University (with Hahrie Han and Milan de Vries), September 2020-Present

Software

4. MapAgora: R package for getting tax reports, websites, and social media handles related to nonprofit organizations in the United States (with Milan de Vries)

3. autotextclassifier: R package for automatically classifying texts based on tidymodels (with Milan de Vries)

2. tidytweetjson: R package for turning Tweet JSON files into a cleaned and wrangled dataset

1. 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

Datasets

2. Linked Fate Literature Review Dataset (1999-2019)

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

Awards

3. **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.": $250

2. **Outstanding Graduate Student Instructor Award**, Graduate Division, UC Berkeley, AY 2016-2017, received by approximately **10 percent** of Graduate Student Instructors at Berkeley

1. Political Behavior Field Exam, **Passage with Distinction**, Department of Political Science, UC Berkeley, 2017

Grants and Fellowships

External

5. **Democracy Visiting Fellowship**, Ash Center for Democratic Governance and Innovation, Kennedy School, Harvard University, August 2020-July 2021 (declined due to logistics)

4. **Post–SICSS (Summer Institute in Computational Social Science) Grant**, Russell Sage Foundation, 2019: $6,462 (with Jaren Haber and Nick Camp)

3. **Russell Sage Summer Institute in Computational Social Science**, Princeton University, 2019

2. **Korea Foundation for Advanced Studies Doctoral Fellowship** (in tuition scholarship and stipend), 2014-2019: $220,033

1. **California Poverty and Socioeconomic Inequality Fellows Program**, Blum Initiative for Global and Regional Poverty Studies, 2017: $500

Internal

12. **Social Media Research Fellowship**, D-Lab and Social Science Matrix, UC Berkeley, Fall 2020 - Spring 2021: $7,031 (declined due to logistics)

11. **Data Science Fellowship**, D-Lab, UC Berkeley, Fall 2020 - Spring 2021

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

Teaching

Original textbook

Computational Thinking for Social Scientists

Civic Data Science: How Data Transforms Government, Civil Society, and Democracy (in Korean; work in progress)

Teaching training

Certificate in Teaching and Learning in Higher Education, GSI Center, UC Berkeley, May 2021

Graduate Student Data Science Pedagogy Workshop, Division of Computing, Data Science, and Society, UC Berkeley, June 2019

Graduate seminars

KDI School

R Fundamentals for Public Policy, Spring 2022, Fall 2022

Data Visualization and Communication, Summer 2022

UC Berkeley

Instructor, Department of Political Science

An Introduction to Computational Tools and Techniques for Social Science Research [2x] (Spring 2019, Spring 2021)

Research Workshop on Computational Tools for Digital Data Collection (Fall 2020)

Teaching Assistant, Department of Political Science

An Introduction to Computational Tools and Techniques for Social Science Research (for Rachel Bernhard, Spring 2018)

Undergraduate lectures

UC Berkeley

Teaching Assistant, Department of Political Science

Introduction to Empirical Analysis and Quantitative Methods (for Professor Laura Stoker, Fall 2016)

Workshops

UC Berkeley

Instructor, D-Lab, UC Berkeley, Summer 2020–Fall 2020

Original workshops: Fairness and Bias in Machine Learning, SQL for R Users, R Package Development, Functional Programming in R, Advanced Data Wrangling in R, Reproducible Project Management in R

Remix: Machine Learning with Tidymodels

Others: R fundamentals

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

Summer institutes

Instructor (invited), Pre-Summer Institute in Computational Social Science Science Bootcamp (hosted by Howard University and Mathematica), June 11-12, 2021

Advising

UC Berkeley

Research assistants for the Data Science Discovery Program, Fa l 2019, Spring 2020, Fall 2021

Noor-Ul-Ain Ali (Data Science), Riya Shrestha (Molecular Environmental Biology & Toxicology), Carlos Ortiz (Data Science), Sarah Nam (Immunology & Data Science, Currently: a Data Scientist at SetSail), Sarah Santiago (Applied Mathematics, Currently: a Liquidity Risk Analyst at Goldman Sachs), Vivek Datta (Computer Science & Data Science, Currently: a Software Engineer at Amazon)

Research assistants for the Undergraduate Research Apprentice Program, Fall 2018

Angela Yip (Political Science), Brenna Uyeda (Environmental Economics and Policy), Gregory Eng (Political Science & History, Currently: a J.D. Candidate at the University of Virginia), Jenny Feng (Political Economy & Education)

Invited Talks

⋆ Guest lectures for a class

2022 University of British Columbia (Scope Conditions podcast, scheduled), Korea University (Department of Political Science, scheduled)⋆, Korea University (Office of Information Technology and Service, scheduled), Sogang University (Institute of Political Studies, scheduling)

2021 Stanford (New Research from the Journal of Online Trust and Safety's Inaugural Issue), University of Minnesota (American Politics Colloquium), Cornell (Democratic Vulnerabilities and Pathways for Reform Conference), KAIST (Business, Data Analysis for Green Business and Policy)⋆, Johns Hopkins (SNF Agora Institute's P3 Lab), Dartmouth (Government, Experiments in Politics)⋆

2020 UC Berkeley (Computational Social Science Forum)

Conference and Workshop Presentations

⋆ APSA = American Political Science Association, MPSA = Midwest Political Science Association, WPSA = Western Political Science Association

2022 MPSA (scheduled)

2021 APSA, Asian Online Political Science Seminar Series, The Junior Law & Politics Research Community, D-Lab Data Science Fellows Talk (UC Berkeley)

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, 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 Science 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

Service

Professional

Reviewer: *Proceedings of the National Academy of Sciences*, *American Political Science Review*, *Political Behavior*, *Political Research Quarterly*, *Politics, Groups, and Identities* [2x], *Journal of Open Source Software* [2x]

Co-organizer:

First *Summer Institute in Computational Social Science in South Korea* (SICSS-Korea), Fall 2021-Summer 2022

First *Summer Institute in Computational Social Science in the San Francisco Bay Area* (BAY-SICSS), Fall 2019-Summer 2020 [Post-mortem]

KDI School

Member:

Curriculum Committee, AI and Policy Innovation (executive course), 2022-

Research Project Deliberation Committee, 2022-

Ethics Review Board, 2022-

UC Berkeley

Co-founder and coordinator:

Berkeley Historical Social Science Workshop, Fall 2019-Spring 2020

Bias and Fairness in Machine Learning Working Group, D-Lab, Spring 2020-Spring 2021

Race, Resistance, and Inequality Workshop, Department of Political Science, Fall 2018-Spring 2019

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

Graduate student representative: Faculty Hiring 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-Spring 2021

Languages and Programming Skills

Languages: fluent in Korean and English; know classical Chinese; read Chinese and Japanese
Programming skills: R, Python, SQL, Bash, Linux, Git, Docker, LaTeX, Markdown

Additional Methods Training

Research Transparency and Reproducibility Training (RT2), Berkeley Initiative for Transparency in the Social Sciences (BITSS), UC Berkeley, Summer 2021

Russell Sage Summer Institute in Computational Social Science (SICSS), Princeton University, Summer 2019

Summer Program in Quantitative Methods of Social Research, Inter-university Consortium for Political and Social Research (ICPSR), University of Michigan, Summer 2017

Professional Experience

Advisory Board Member, Naver (South Korea's biggest Internet company), December 2010–December 2011
Strategy Manager, Cizion (software startup), March 2012–March 2013
Activist, C.O.D.E. (digital rights advocacy organization; previously Creative Commons Korea), 2009–2011

References

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Sociology, UC Berkeley
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