Jae Yeon Kim

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Education

University of California, Berkeley, USA

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

Fields: Political Behavior (with Distinction), American Politics, Comparative Politics
Committee: Paul Pierson (co-chair), Taeku Lee (co-chair), Eric Schickler, and Irene Bloemraad
Dissertation: Essays on the Politics of Solidarity in Multiracial America

M.A. in Political Science, 2016

Korea University, Seoul, South Korea

B.A. in English and Political Science (double major) (with Great Honors), 2012
Study Abroad, National Chengchi University, Taipei, Fall 2007
Study Abroad, City University of Hong Kong, Hong Kong, Fall 2006

Academic Positions

Senior Data Science Fellow, Instructor, and Consultant, D–Lab, UC Berkeley, May 2019–Present
Visiting Student Fellow, P3 Lab, SNF Agora Institute, Johns Hopkins University, September 2020–Present
Graduate Student Researcher, D–Lab and Data Science Education Program, UC Berkeley, Spring 2020

Research Interests

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

Publications

Peer–reviewed journals

1. "Integrating Human and Machine Coding to Measure Political Issues in Ethnic Newspaper Articles." (**Jae Yeon Kim**), *Journal of Computational Social Science*, 2021, 1-28 [replication]

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

2. "How Other Minorities Gained Access: The War on Poverty and Asian American and Latino Community Organizing." (**Jae Yeon Kim**), *Political Research Quarterly*, 2020, 1-14 [replication] [dataset]

3. "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]

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]

Under review

1. "COVID-19 and Asian Americans: How Social Exclusion Shapes Asian American Politics." (Nathan Chan, **Jae Yeon Kim**, and Vivien Leung) [replication]

2. "How Threats Shape the Politics of Marginalized: Evidence from a Natural Experiment and Machine Learning." (**Jae Yeon Kim** and Andrew Thompson) [replication]

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

Work in progress

1. "How Popularity and Gender Shape Countering Sexist Hate Speech on YouTube" (with Jaeung Shim and Daegon Cho)

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

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

4. "Applying Computational Thinking to Empirical Social Science Research: A Practical Guide." (with Aniket Kesari)

5. "How Sampling Frame Matters to Studying Nonprofits." (with Milan de Vries)

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

7. "Everyday Experience, Immigrant Incorporation, and Measurement Error in Asian American Identity." (with Taeku Lee) [replication]

Other publications

1. "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

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

Software

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

Grants and Fellowships

External

1. **Democracy Visiting Fellowship**, Ash Center for Democratic Governance and Innovation, Kennedy School, Harvard University, August 2020-July 2021 (declined)
2. **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
4. **Korea Foundation for Advanced Studies Doctoral Fellowship** (in tuition scholarship and stipend), 2014-2019: $220,033
5. **California Poverty and Socioeconomic Inequality Fellows Program**, Blum Initiative for Global and Regional Poverty Studies, 2017: $500

Internal

1. **Social Media Research Fellowship**, D-Lab and Social Science Matrix, UC Berkeley, Fall 2020-Spring 2021: $7,031 (declined)
2. **Data Science Fellowship**, D-Lab, UC Berkeley, 2020
3. **American Democracy Project Fellowship**, Center for the Study of American Democracy, UC Berkeley, 2019-2020: $3,000
4. **Doctoral Completion Fellowship**, Graduate Division and Department of Political Science, UC Berkeley, 2019-2020: $28,000
5. **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
7. **Edward Hildebrand Research Fellowship**, Canadian Studies Program, UC Berkeley, 2017: $3,500
8. **Graduate Fellowship in Korean Studies**, Institute of East Asian Studies, UC Berkeley, 2016, 2017, 2018: $15,350
9. **Graduate Fellowship in East Asian Studies**, Institute of East Asian Studies, UC Berkeley, 2015: $3,480
10. **Best Honors Scholarship**, Korea University, Fall 2007
11. **Academic Excellence Scholarship**, Korea University, Spring 2005, Fall 2006

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 [Original online textbook]

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

Received the Outstanding Graduate Student Instructor Award for the first semester of teaching

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, 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

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

Teaching training

Certificate in Teaching and Learning in Higher Education, GSI Center, UC Berkeley, Spring 2021 (expected)

Graduate Student Data Science Pedagogy Workshop, UC Berkeley, June 2019

Advising

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

Research assistants: Carlos Ortiz (Data Science), Sarah Nam (Immunology, Data Science), Sarah Santiago (Applied Mathematics), Vivek Datta (Computer Science)

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

Research assistants: Angela Yip (Political Science), Brenna Uyeda (Environmental Economics and Policy), Gregory Eng (Political Science, History), Jenny Feng (Political Economy, Education)

Selected Presentations

*=Invited talks

2021 Dartmouth (Government, Experiments in Politics)*

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), Wesleyan University (Government)*

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-founder and coordinator, Berkeley Historical Social Science Workshop, UC Berkeley, Fall 2019-Spring 2020

Selected as one of the nine UC Berkeley Social Science Matrix working groups (Fall 2019)

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, and Inequality Workshop, Department of Political Science, UC Berkeley, Fall 2018-Spring 2019

Service

Professional

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

Raised over $60,000, selected 20 participants out of 129 applicants, and partnered with Code for America, Hopelab, DonorsChoose, UCSF NLP Community, Panacealab and UCSF Library

Reviewer: *Journal of Open Source Software*

UC Berkeley

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-Present

Languages and Programming Skills

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

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

Additional Methods Training

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

Summer Program in Quantitative Methods of Social Research, University of Michigan, Summer 2017

References

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