Jae Yeon Kim

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Academic Positions

KDI School of Public Policy and Management

　Assistant Professor, January 2022-
　　Core Faculty, Data Science for Public Policy and Management Program

SNF Agora Institute, Johns Hopkins University

　Assistant Research Scholar (non-tenure track faculty), July 2021-December 2021

　Visiting Student Fellow, Fall 2020-Spring 2021

D-Lab, UC Berkeley

　Senior Data Science Fellow, Instructor, and Consultant, Spring 2019-Spring 2021

Data Science Education Program, Division of Computing, Data Science, and Society, UC Berkeley

　Graduate Student Researcher, Spring 2020

Education

University of California, Berkeley, USA

　Ph.D. in Political Science, 2021

　　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

Research Interests

Computational social science, Racial and ethnic politics, Political behavior, Public policy and organization

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]

   DOI: https://doi.org/10.1007/s42001-020-00097-2

   > 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*, 2020, 1-14 [replication] [dataset]

   DOI: https://doi.org/10.1177/1065912920983456

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]

   DOI: https://doi.org/10.1017/S0898588X20000115

   > Media coverage: 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

Under review

* = equal contributions

1. "COVID-19 and Asian Americans: How Elite Messaging and Social Exclusion Shape Partisan Attitudes." (Nathan Chan, **Jae Yeon Kim**, and Vivien Leung) [replication] 2nd round R&R at *Perspectives on Politics*

   > Media coverage: Washington Post's Monkey Cage

2. "Rewiring Linked Fate: Bringing Back History, Agency, and Power" (Reuel Rogers* and **Jae Yeon Kim***) [replication] R&R at *Perspectives on Politics*

3. "How Counterspeech Shapes Hate Speech Reporting." (Jaeung Sim*, **Jae Yeon Kim***, and Daegon Cho) R&R at *Information Systems Frontier*

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

5. "How Political Elites Changed Anti-Asian Hate Speech During the COVID-19 Pandemic" (Jae Yeon Kim and Aniket Kesari) Invited submission for the first issue of *Journal of Online Trust and Safety*

6. "Power, Hate Speech, Machine Learning, and the Intersectional Approach." (**Jae Yeon Kim**) Invited book chapter at *Challenges and Perspectives of Hate Speech Analysis* edited by the NOHATE research team

7. "Threats Shift Immigrants' Attention from Their Home Country to Host Society: Evidence from the September 11 Terrorist Attack." (**Jae Yeon Kim** and Andrew Thompson) [replication]

8. "Teaching Computational Social Science for All." (**Jae Yeon Kim** and Margaret Ng)

Working papers

1. "MapAgora: An R Package for Collecting Comprehensive Data on Nonprofit Organizations in the U.S." (Milan de Vries and **Jae Yeon Kim**) [R package]

2. "Everyday Experience, Immigrant Incorporation, and Asian American Identity." (Taeku Lee and **Jae Yeon Kim**) [replication]

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

4. "Privacy Law Diffusion Across U.S. State Legislatures." (Aniket Kesari and **Jae Yeon Kim**)

5. "Racial Formation and the Pandemic: Examining Shifts in Asian American Racial Identity during the COVID-19 Outbreak." (Vivien Leung, Natalie Masuoka, and **Jae Yeon Kim**)

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

Work in progress

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

2. "The Volunteer-Staff Trade-off in the U.S. Nonprofic Sector." (with Milan de Vries)

3. "Invisibility and Presence among Latinos and Asian Americans." (with G Christina Mora and Dina Okamoto)

4. "Finding Optimal Diet Monitoring Interventions Using Adaptive Experimentation."

5. "Designing Graduate Computational Social Science Training Curricula." (with Aniket Kesari)

Research briefs

1. "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

2. "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

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.

Selected Projects

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

Research Software

1. Stable

   (a) tidytweetjson: R package for turning Tweet JSON files into a cleaned and wrangled dataset.
   (b) 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.
   (c) rnytapi: R interface for the New York Times API

2. Still contains known or unknown bugs

   (a) MapAgora: R package for getting tax reports, websites, and social media handles related to nonprofit organizations in the United States (with Milan de Vries)
   (b) autotextclassifier: R package for automatically classifying texts based on tidymodels (with Milan de Vries)

Datasets

1. Asian American and Latino Advocacy and Community Service Organizations (1868-2016)
   DOI: https://doi.org/10.7910/DVN/FLUPBJ

Grants and Fellowships

External

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

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

Teaching

Graduate seminars

UC Berkeley

Instructor, An Introduction to Computational Tools and Techniques for Social Science Research, Department of Political Science, Spring 2019, Spring 2021 [Original online textbook]

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

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

Undergraduate lectures

UC Berkeley

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

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

Workshops

UC Berkeley

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

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

Summer institutes

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

Teaching training

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

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

Advising

UC Berkeley

Research assistants for the Data Science Discovery Program, UC Berkeley, Fall 2019-Spring 2020

Carlos Ortiz (Data Science)

Sarah Nam (Immunology & Data Science) Currently: Data Scientist at SetSail

Sarah Santiago (Applied Mathematics)

Vivek Datta (Computer Science & Data Science) Currently: Software Engineer at Amazon

Research assistants for the Undergraduate Research Apprentice Program, UC Berkeley, Fall 2018

Angela Yip (Political Science)

Brenna Uyeda (Environmental Economics and Policy)

Gregory Eng (Political Science & History) Currently: J.D. Candidate at the University of Virginia

Jenny Feng (Political Economy & Education)

Invited Talks

* Guest lectures for a class

2021 Michigan (Ford School of Public Policy, scheduling)*, 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)*, KDI School of Public Policy and Management

2020 UC Berkeley (Computational Social Science Forum)

2019 Wesleyan University (Government)

Conference and Workshop Presentations

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

2021 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

Selected Service

Professional

Reviewer: *Political Behavior, Political Research Quarterly, Politics, Groups, and Identities, Journal of Open Source Software*

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

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

Mentor: Graduate Anti-Racist Political Science (GAPS) Collective (a pipeline program to help underrepresented students to get into political science graduate programs), Fall 2020-Spring 2021

UC Berkeley

Co-founder and coordinator:

Berkeley Historical Social Science Workshop, Fall 2019-Spring 2020

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

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, Linux Command Line, Git & Github

Additional Methods Training

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

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

References

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