Seo-young Silvia Kim

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Academic Positions

2020– Assistant Professor, Department of Government, School of Public Affairs,
American University

Education

2015–2020 California Institute of Technology
– *Ph.D. in Social Sciences (2020).*
Committee: R. Michael Alvarez (chair), Jonathan N. Katz, Michael Gibilisco, Matt Shum
– *M.S. in Social Sciences (2017).*

2009–2014 Seoul National University
– *B.A. in Economics, B.A. in Sociology, cum laude (2014).*

Research Interests

American politics, quantitative methods, public policy
— Political behavior, elections, election administration, campaign finance

Book

Alvarez, R. Michael, Nicholas J. Adams-Cohen, Seo-young Silvia Kim, Yimeng Li. 2020. "Securing Elections: How Data-Driven Election Monitoring Can Improve Democracy." *Cambridge University Press*.

Peer-Reviewed Articles

Kim, Seo-young Silvia, Hannah Lebovits, and Sarah Shugars. 2021. "Networking 101 for Graduate Students: Building a Bigger Table." PS: Political Science & Politics: 1–6.
doi: 10.1017/S1049096521001025

Kim, Seo-young Silvia, R. Michael Alvarez, and Christina M. Ramirez. 2020. "Who Voted in 2016? Using Fuzzy Forests to Understand Voter Turnout." *Social Science Quarterly*. 101(2): 978–988. doi: 10.1111/ssqu.12777.

R. Michael Alvarez, Katz, Jonathan N., and Kim, Seo-young Silvia. 2020. "Hidden Donors: Analyzing the Censoring Problem in U.S. Federal Campaign Finance Data." *Election Law Journal*. 19(1): 1–18. doi: 10.1089/elj.2019.0593.

Kim, Seo-young Silvia, Spencer Schneider, and R. Michael Alvarez. 2020. "Evaluating the Quality of Changes in Voter Registration Databases." *American Politics Research*. 48(6): 670–676. Article first published online: Sep 9, 2019. doi: 10.1177/1532673X19870512.

Kim, Seo-young Silvia. 2015. "Can Franchisor Efforts Discourage Its Franchisees? Evidence from South Korea." *The Comparative Economic Review* 22(1): 1–40.

Book Chapter

Alvarez, R. Michael, and Seo-young Silvia Kim. 2019. "Computational Social Science." In *Oxford Bibliographies in Political Science*. Ed. Sandy Maisel. New York: Oxford University Press. doi: 10.1093/obo/9780199756223-0285.

Working Papers

"How Much To Ask? Fundraising Platforms and Choices of Suggested Amounts in Political Donation Solicitations."

"Keep Winning with WinRed? Digital Fundraising Platform as the Party's Public Good." *(with Zhao Li).*

"Automatic Voter Registration as a Housewarming Gift: Quantifying Causal Effects on Turnout Using Movers." *(job market paper; previously circulated as* Getting Settled in Your New Home: The Costs of Moving on Voter Turnout; *invited for an R&R at American Political Science Review).*

"The Divided (But Not More Predictable) Electorate: A Machine Learning Analysis of Voting in American Presidential Elections." *(with Jan Zilinsky).*

— Podcast interview at the Niskanen Center's The Science of Politics, May 19, 2021, "Is Demographic and Geographic Polarization Overstated?".

"Heterogeneity in Voter List Maintenance Practices: A Study of Florida Counties." *(with Jian Cao and R. Michael Alvarez).*

"Bayesian Analysis of State Voter Registration Database Integrity." *(with Jian Cao and R. Michael Alvarez; under review).*

"When Do People Give? Detecting Critical Events in Campaigns."

Works in Progress

"When Do Voter Files Accurately Measure Turnout? How Transitory Voter File Snapshots Impact Research And Representation." *(with Bernard Fraga, Bradley Spahn, and Alan N. Yan).*

"In Person We Trust? A Study of Voting Methods in Colorado." *(with R. Michael Alvarez and Akhil Bandreddi).*

Other Writings

Kim, Seo-young Silvia and Syngjoo Choi. 2015. "Game Theory and the Rational Man." *Physics and High Technology* 24(2): 12-17. doi: 10.3938/PhiT.24.003 *(in Korean)*.

Translation

Korean translation of Gelman, Andrew et al. 2013. Bayesian Data Analysis, Third Edition. CRC Press. (e-Book publication at BookCube, 2020; one of eight translators).

Teaching

American University
>   *GOVT-310* Introduction to Political Research (undergraduate)
>   — Fall 2021, Fall 2020
>   *GOVT-656* Voting Behavior, Elections, and Campaigns (master's)
>   — Fall 2021, Fall 2020.

Caltech   Teaching assistant, *Ps 121b* A History of Budgetary Politics in the U.S., 1913-2019 (2020); Guest lecturer, *Ps 120* American Electoral Behavior and Party Strategy (2019, 2020); Teaching assistant, *An 22* Introduction to Sociocultural Anthropology (2016).

Seoul National University Teaching assistant, Behavioral Economics (2015).

Professional Activities and Service

Reviewer   *Science Advances*, *Political Behavior*, *Political Analysis*, *Quarterly Journal of Political Science*, *Political Research Quarterly*.

2021–   Review Editor, Elections and Representation Section, Frontiers in Political Science.

2021–   Faculty Fellow, Center for Data Science, American University.

2021–   Software Carpentry and Data Carpentry certified instructor.

2019–2020 Graduate research assistant, *Monitoring the Integrity of Elections in Southern California: The 2020 Elections*, The John Randolph Haynes and Dora Haynes Foundation. PI: R. Michael Alvarez, Caltech.

2019   Researcher, *Performance Audit and Polling for Oregon Elections Division*. PI: Paul Gronke, Reed College.

2017–2019 Graduate research assistant, *Assuring Election Integrity: A Comprehensive Ecological Framework for Evaluating Elections in Southern California*, The John Randolph Haynes and Dora Haynes Foundation. PI: R. Michael Alvarez, Caltech.

Fellowships, Grants, and Awards

2021   Faculty fellowship, Center for Data Science, American University.
            Public Affairs and Policy Lab (PAPL) summer research grant, American University.

2020   Lance Davis fellowship, California Institute of Technology.

2019   Lance Davis fellowship, California Institute of Technology.
            Travel grants: ESRA NSF, PolMeth NSF travel, Caltech, and Connect Grant from the
            Social Sciences and Humanities Research Council of Canada.

2018   Travel grants: PolMeth NSF and APSA NSF.

2017   Travel grant: PolMeth NSF.

2014–2015   Brain Korea 21 Plus Scholarship, Ministry of Education, South Korea.

Conference and Seminar Presentations

2021   78th Annual MPSA Conference; KAIST College of Business Seminars, Seoul, South
            Korea; Data-driven and Experiment-based Evidence for Policy Seminars, Seoul, South
            Korea; PolMeth XXXVIII; ESRA 2021 (Election Sciences, Reform, & Administration
            Conference); 2021 APSA Pre-conference: Frontiers of Money in Politics Research; 2021
            APSA Annual Meeting.

2020   PolMeth XXXVII; ESRA 2020 (Election Sciences, Reform, & Administration Confer-
            ence); 2020 WPSA Annual Meeting (canceled due to COVID-19); 78th Annual MPSA
            Conference (canceled due to COVID-19); 2020 Iowa Caucus Conference.

2019   77th Annual MPSA Conference; ESRA 2019; PolMeth XXXVI; 2019 Securing Elections
            pre-APSA conference; 2019 APSA Annual Meeting.

2018   Money and Politics II, University of California, Irvine; 76th Annual MPSA Con-
            ference; PolMeth XXXV; 2018 APSA Annual Meeting; Southern California Methods
            Conference 2018, University of California, Los Angeles.

2017   PolMeth XXXIV; 13th Annual California Graduate Student Conference, University
            of California, Irvine.

References

Jonathan N. Katz (primary advisor)
Kay Sugahara Professor of Social Sciences and Statistics
California Institute of Technology
jkatz@caltech.edu

R. Michael Alvarez (committee chair)
Professor of Political Science
California Institute of Technology
rma@hss.caltech.edu

Matthew Shum
J. Stanley Johnson Professor of Economics
California Institute of Technology
mshum@caltech.edu