Yuki Shiraito

Curriculum Vitae

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(the most up to date version is available <u>here</u>)

Contact Information

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Positions

Assistant Professor, Department of Political Science, University of Michigan, 2018–present.
　　Faculty Associate, Center for Political Studies, 2018–present.
　　Faculty Member, Center for Japanese Studies, 2018–present.
　　　　Associate Director, 2021-2022, 2023–2024.
　　Associated Faculty, Michigan Institute for Data and AI in Society, 2018–present.

Postdoctoral Scholar, Program in Quantitative Social Science, Dartmouth College, 2017–2018.

Education

Ph.D. in Politics, Princeton University, 2017.

M.A. in Politics, Princeton University, 2012.

LL.M., The University of Tokyo, 2009.

LL.B., The University of Tokyo, 2007.

Peer Reviewed Articles

"Tutelary Power and Autocratic Legitimacy: Experimental Evidence from Kazakhstan's Tutelage."
Forthcoming. *The Journal of Politics* (with Masaaki Higashijima). DOI: 10.1086/737175.

"IO Endorsements, Perceived Alignment, and Public Support for Unpopular Policies." 2025. *International Studies Quarterly*, Vol. 69, No. 4 (December), sqaf073 (with Saki Kuzushima, Itsuki Umeyama, and Kenneth Mori McElwain). DOI: 10.1093/isq/sqaf073

"Gendered Views on Immigration Policy Stances? The Case of Japan." 2025. *Japanese Journal*

of Political Science, Vol. 26, No. 3 (September), pp. 151–167 (with Melanie Sayuri Sonntag and Michael Strausz). DOI: 10.1017/S1468109924000215.

"Attitudes on the Entry Ban in Japan during the COVID-19 Pandemic." 2025. *Social Science Japan Journal*, Vol. 28, No. 2 (Summer), jyae035 (with Melanie Sayuri Sonntag and Michael Strausz). DOI: 10.1093/ssjj/jyae035.

"Improving Probabilistic Models of Text Classification via Active Learning." 2025. *American Political Science Review*, Vol. 119, No. 2 (May), pp. 985–1002 (with Mitchell Bosley*, Saki Kuzushima*, and Ted Enamorado. My role: Co-PI with Enamorado). DOI: 10.1017/S0003055424000716.

"Public Preferences for International Law Compliance: Respecting Legal Obligations or Conforming to Common Practices?" 2024. *The Review of International Organizations*, Vol. 19, No. 1 (January), pp. 63–93 (with Saki Kuzushima and Kenneth Mori McElwain). DOI: 10.1007/s11558-023-09487-3.

"A Non-parametric Bayesian Model for Detecting Differential Item Functioning: An Application to Political Representation in the US." 2023. *Political Analysis*, Vol. 31, No. 3 (July), pp. 430–447 (with James Lo and Santiago Olivella). DOI: 10.1017/pan.2023.1.

"Multiple Hypothesis Testing in Conjoint Analysis." 2023. *Political Analysis*, Vol. 31, No. 3 (July), pp. 380–395 (with Guoer Liu*. My role: PI). DOI: 10.1017/pan.2022.30.

"The Clash of Traditional Values: Opposition to Female Monarchs." 2023. *European Political Science Review*, Vol. 15, No. 2 (May), pp. 291–310 (with Guoer Liu* and Kenneth Mori McElwain‡. My role: PI). DOI: 10.1017/S1755773922000418.

"Large-scale Text Processing Pipeline with Apache Spark." 2016. *IEEE International Conference on Big Data*, Washington, DC, pp. 3928–3935 (with Alexey Svyatkovskiy, Kosuke Imai, and Mary Kroeger). DOI: 10.1109/BigData.2016.7841068.

"Coethnic Bias and Wartime Informing." 2015. *The Journal of Politics*, Vol. 77, No. 3 (July), pp. 833–848 (with Jason Lyall and Kosuke Imai). DOI: 10.1086/681590.

"Neural Correlate of Human Reciprocity in Social Interactions." 2013. *Frontiers in Neuroscience*, Vol. 7 (with Sakaiya, Shiro, Junko Kato, Hiroko Ide, Kensuke Okada, Kouji Takano, and Kenji Kansaku). DOI: 10.3389/fnins.2013.00239.

Working Papers

"A Unified Model of Text and Citations for Topic-Specific Citation Networks" (with ByungKoo Kim and Saki Kuzushima). arXiv: 2502.17708. Major revision, *Bayesian Analysis*.

"A Dynamic Dirichlet Process Mixture Model for the Partisan Realignment of Civil Rights Issues in the U.S. House of Representatives" (with Nuannuan Xiang). arXiv: 2502.17733. Under review at *Annals of Applied Statistics*.

"The Impact of Elections on Civic Attitudes: Causal Evidence from Kazakhstan's Staggered Local Elections" (with Masaaki Higashijima and Gento Kato). Under review at *American Journal of*

Political Science.

"Learning about Presidential Power" (with Benjamin Goehring and Kenneth Lowande). Under review at *The Journal of Politics.*

"Uncovering Heterogeneous Treatment Effects." Submitted to *Sociological Methods and Research.*

"Voter Preferences for Young and Female Candidates: Comparing Conjoint Experiments with Real-World Behavior" (with Charles T. McClean).

"Strengtening Weak Instruments by Modeling Compliance" (with Marc Ratkovic).

"Policy Positions in Mixed Member Electoral Systems: Evidence from Japan" (with Shigeo Hirano, Kosuke Imai, and Masaki Taniguchi).

Statistical Software

"`endorse`: Bayesian Measurement Models for Analyzing Endorsement Experiments" (with Kosuke Imai and Bryn Rosenfeld) available through the Comprehensive R Archive Network. 2012.

"`poisbinom`: A Faster Implementation of the Poisson-Binomial Distribution" (with Santiago Olivella) available through the Comprehensive R Archive Network. 2017.

External Invited Presentations

Frontiers in Empirical Research on East Asia, New York University
"Event Study Using Surveys: Application to a 'Rally 'Round the Flag' Event in Japan." May 9, 2025.

The Applied Statistics Workshop, Center for International Research on the Japanese Economy, the University of Tokyo, Japan
"A Unified Model of Text and Citations for Topic-Specific Citation Networks: Application to the Supreme Court of the United States." December 20, 2024.

Kobe Political Science Seminar, Kobe University, Japan
"Methodological Introduction to Survey Experiments." July 14, 2024.

Kwansei Gakuin University, Osaka, Japan
"Inference and Validation in Conjoint Analysis." July 24, 2023.

Annual dECON Seminar (virtual), Departamento de Economia, Universidad de la Republica, Montevideo, Uruguay
"Paragraph-citation Topic Models for Corpora with Citations." September 30, 2022.

2022 International Conference on Method Triangulation: Implications for Social Science Research, Center for Survey Research, Research Center for Humanities and Social Science, Academia Sinica, Taiwan
"Multiple Hypothesis Testing in Conjoint Analysis." August 19, 2022.

Virtual Formal and Quantitative Seminar, Department of Political Science, University of North

Carolina, Chapel Hill
"Multiple Hypothesis Testing in Conjoint Analysis." March 11, 2022.

Politics, Sandwiches, and Comments, the Cornell Department of Government.
"Multiple Hypothesis Testing in Conjoint Analysis." November 5, 2021.

Japanese Politics Online Seminar Series.
"The Clash of Traditional Values: Attitudes toward a Male-line Monarchy under a Succession Crisis." March 4, 2021.

Department of Political Science Speaker Series, Washington University in St. Louis.
"A Nonparametric Bayesian Model for Gradual Structural Changes: The Intergenerational Chinese Restaurant Processes." March 2, 2021.

Faculty of Law, Tokyo Metropolitan University.
"Paragraph-citation Topic Models for Text and Networks: An Application to the U.S. Supreme Court." (in Japanese) January 8, 2020.

Faculty of Law, Gakushuin University.
"Paragraph-citation Topic Models for Text and Networks: An Application to the U.S. Supreme Court." (in Japanese) December 19, 2019.

Causal Inference and Data Science Seminar, Waseda University.
"Nonparametric Bayesian Approaches to Latent Heterogeneity in Political Science Data." April 26, 2019.

Mejiro Political Science Workshop, Gakushuin University.
"Keiryo seiji bunseki ni okeru keisan kōsokuka [Improving Computation Speed in Quantitative Political Analysis]." (in Japanese) July 1, 2017.

The International Methods Colloquium. Rice University.
"Uncovering Heterogeneous Treatment Effects." March 10, 2017.

New Faces in Political Methodology. Pennsylvania State University.
"Strengthening Weak Instruments by Modeling Compliance." April 26, 2014.

Conference Presentations

American Political Science Association Annual Meetings
2013, 2020, and 2023.

Asian Political Methodology Meetings
2017 (Joint Quantitative Political Science Conference for Asia and Australasia), 2019, 2021, and 2023.

Bayesian Methods for the Social Sciences II
Poster presentation, October 2024 (University of Amsterdam).

European Political Methodology Meetings
2025.

The Japanese Society for Quantitative Political Science Meetings
Winter 2020, Winter 2021, Summer 2022, Summer 2023, Winter 2024, Summer 2024, and Winter

2025 (poster discussant).

Latin American Political Methodology Meetings
2018, 2019 (discussion), 2020 (virtual), 2023, and 2024.

Midwest Political Science Association Annual Meetings
2013, 2014, 2021, and 2025 (discussion).

The Political Economy of International Organization Conferences
2025 (poster).

The Society for Political Methodology Annual Summer Meetings
2013 (poster), 2015–8 (poster), 2020, 2022, 2023, 2024, and 2025 (poster).

Research Grants

Faculty Research Grant, Center for Japanese Studies, University of Michigan (2022–2023), "Examining Psychological Origins of Political Bias in Japan," $25,000.

LSA Summer Research Program Award, College of Literature, Science, and the Arts, University of Michigan (2022), $6,000.

Member Scholarly Leave Grant, Center for Japanese Studies, University of Michigan (2022–2023)

Kenneth Organski Award (Faculty Sponsor for Saki Kuzushima), Center for Political Studies, University of Michigan (2022), $6,000.

Faculty Research Grant, Center for Japanese Studies, University of Michigan (2021–2022), "Public Attitudes toward the International Community in Japan," $20,996.

Faculty Grant, Weiser Center for Emerging Democracies, University of Michigan (2020), "Autocratic Legislative Speeches: Evidence from Kyrgyzstan," $3,000.

Faculty Research Grant, Center for Japanese Studies, University of Michigan (2020–2021), "Japanese Public Attitudes towards Gender-related Social Conventions," $29,985.

Roy Pierce Award (Faculty Sponsor for Guoer Liu), Center for Political Studies, University of Michigan (2019), $6,000.

Honors, Awards, and Fellowships

The Society for Political Methodology Poster Award at the annual summer Methodology Meeting, 2015.

Princeton Politics Department Formal and Quantitative Methods Graduate Fellowship, 2013–2017.

Dean's Fund for Scholarly Travel, Princeton University, 2013.

Stafford Funding for Conference Travel, Department of Politics, Princeton University, 2013.

Graduate Student Felloship, Princeton University, 2010–2017.

Yoshida Scholarship Foundation
    (competitive scholarship awarded to Japanese students enrolled in foreign universities)
    Fellowship, 2010–2012
    Research grant, 2012–2013

Publications in Japanese during Undergraduate Study

"Honsho no mokuteki to kōsei [Introduction]." 2008. In *Koizumi seiken no kenkyu [The Koizumi Regime]* (the Ikuo Kabashima Seminar, ed.), Tokyo: Bokutakusha.

"Koizumi seiken ki no shinioritei rūru to habatsu [The Seniority Rule and Factions in the Liberal Democratic Party during the Koizumi Administration]." 2008. In *Koizumi seiken no kenkyu [The Koizumi Regime]* (the Ikuo Kabashima Seminar, ed.), Tokyo: Bokutakusha.

Teaching

Courses at the University of Michigan

POLSCI 699 Statistical Methods in Political Research II
    Instructor, University of Michigan, Winter 2024–25

POLSCI 798 Advanced Topics in Quantitative Methodology
    Instructor, University of Michigan, Winter 2019–22

POLSCI 599 Statistical Methods in Political Research I
    Instructor, University of Michigan, Fall 2018–2021, 2023–24

POLSCI 489–007 Introduction to Computational Political Science
    Instructor, University of Michigan, Winter 2020–22

POLSCI 489–002 Introduction to Computational Political Science
    Instructor, University of Michigan, Fall 2025

Other Teaching Experience

Summer Online Intensive Course, BK21 Program, Yonsei University
    Instructor, "Introduction to Machine Learning," Summer 2023 and 2024.

Advanced Quantitative Social Science
    Assistant Instructor, the University of Tokyo, Summer 2017 (Professor Kosuke Imai)

POL 349 Political Economy (Undergraduate)
    Assistant Instructor, Princeton University, Fall 2014 (Professor Thomas Romer)

Politics Math Camp (Graduate)
    Instructor, Princeton University, Summer 2014

POL 345 Quantitative Analysis and Politics (Undergraduate)
    Assistant Instructor, Princeton University, Fall 2013 (Professor Marc Ratkovic)

Politics Math Camp (Graduate)
    Instructor, Princeton University, Summer 2013

POL575 Formal Political Analysis I (Graduate)
    Assistant Instructor, Princeton University, Spring 2013 (Professor Adam Meirowitz)

POL573 Quantitative Analysis III (Graduate)
    Assistant Instructor, Princeton University, Fall 2012 (Professor Kosuke Imai)

Technical Workshops

Workshop Instruction

"Statistical Analysis of Survey Data using Conjoint Design" (in Japanese), Nospare Inc., April 2025.

"Writing Papers Using LaTeX," Program for Quantitative and Analytical Political Science, Princeton University, October 2012.

Statistical Consulting

HackerSpaces/CoderSpaces at Institute for Social Research (communal hacking opportunities for members of the ISR community interested in computational social science research)
  Faculty Host, Winter 2019 and 2020

Statistical and Formal Theory Consulting (consulting service to assist faculty members and students offered by the Program for Quantitative and Analytical Political Science at Princeton University)
  Consultant, Fall 2012 and Spring 2013

Advising

Current Graduate Students

Dissertation Advisees

Irene Morse.

Former Graduate Students

Mitchell Bosley (Ph.D. in 2024). Postdoctoral Fellow, University of Toronto.

Saki Kuzushima (co-chair, Ph.D. in 2024). Research Scientist, Meta, following Postdoctoral Fellow, Program on US-Japan Relations, Harvard University.

Guoer Liu (Ph.D. in 2024). Assistant Professor, Department of Political Science, University of California, San Diego.

ByungKoo Kim (Ph.D. in 2023). Assistant Professor, KDI School of Public Policy, South Korea.

Nuannuan Xiang (Ph.D. in 2022). Assistant Professor, Mailman School of Public Health, Columbia University.

Jerry Qiushi Yu (Ph.D. in 2021).

Undergraduate Honors Theses

Ingrid Hofmann (class of 2025), "The Language of Law: Implicit Gender Bias in Iowa Supreme Court Judicial Opinions."

Lorraine Furtado (class of 2020), "Using Supervised Learning Methods to MeasureWomen's Rights: An Analysis of the Language of Reproductive Rights Briefs."

Recipient of the *Frank Grace Award for Outstanding Honors Thesis*, the 2020 *Pamela J. Mackintosh Undergraduate Research Awards* (Multi-term, 1st Place), and *Patricia Kennedy Honors Graduation Prize*.

Service

Professional

Member, Program Committee, 41st Annual Meeting of the Society for Political Methodology (July 2024)

Member, Poster Award Committee, 40th Annual Meeting of the Society for Political Methodology (July 2023)

Member, Organizing Committee, Text-as-Data Conference 2021

University of Michigan

Member, Diversity Ally Committee, Department of Political Science (2024–2025)

Chair, Faculty Funding Subcommittee, Center for Japanese Studies (2024–2025)

Member, Methodology Search Committee, Department of Political Science (2023–2024)

Member, World Politics Subfield Ad Hoc Committee, Department of Political Science (2023–2024)

Member, Graduate Admissions Committee, Department of Political Science (2021–2022)

Member, Undergraduate Affairs Committee, Department of Political Science (2019–2020)

Member, Proposal Review Committee for the 2019 Michigan Institute for Data Science Symposium (2019)

Member, Executive Committee, Center for Japanese Studies (2019–2022, 2023–2024)

Proposal Review
    Catalyst Grants, Graham Sustainability Institute (2025)
    Propelling Original Data Science program, Michigan Institute for Data and AI in Society (2024)
    2019 Annual Symposium, Michigan Institute for Data Science

Student Fellowship Review
    Sarri Family Fellowship, Center for Political Studies (2020, 2022, and 2025)
    Garth Taylor Dissertation Fellowship, Center for Political Studies (2024)
    Global Research and Internship Opportunities, International Institute (2025)

Miscellaneous

"Beizu suiron [Bayesian Inference]." 2025. In *Hikaku seijigaku jiten [Encyclopedia of Comparative Politics]* (Nihon Hikaku Seiji Gakkai [Japan Association for Comparative Politics], ed.), Tokyo: Maruzen Shuppan.

"Beizu tōkei moderu wo mochiita seiji deita bunseki [Analysis of Data on Politics using Bayesian Statistical Models]." 2024. In *Sekai no kiro wo yomitoku kiso gainen: Hikaku seiji gaku to kokusai seiji gaku he no izanai [Key Concepts for Understanding a World at a Crossroads: An Introduction*

to Comparative Politics and International Politics] (Kazuya Nakamizo and Ryo Sahashi, ed.), Tokyo: Iwanami Shoten.

"Seiji gaku hōhōron to kōkō sugaku: Nigate datta sugaku no tsukai kata [Political Methodology and High School Math: How I Use Math I Was Bad at]." 2022. *Nyu sapoht kōkō sugaku [New Support High School Math]*, Vol. 38 (Fall), pp. 14–5.

References

Kosuke Imai
Professor of Government and of Statistics
Harvard Unviersity
Email: imai@harvard.edu

Kevin M. Quinn
Charles Howard Candler Professor of Law
Emory University
Email: kevin.michael.quinn@emory.edu

Brandon Stewart
Associate Professor of Sociology
Princeton University
Email: bms4@princeton.edu

Santiago Olivella
Associate Professor of Political Science
University of North Carolina at Chapel Hill
Email: olivella@unc.edu