

Blake Miller (林鑫磊)

CONTACT INFORMATION

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ACADEMIC POSITIONS

The London School of Economics and Political Science

Assistant Professor of Computational Social Science, Department of Methodology
(7/2019–).

Director, Master's of Science in Applied Social Data Science (2020–2022).

Dartmouth College

Postdoctoral Fellow, Program in Quantitative Social Science (9/2018–7/2019).

EDUCATION

University of Michigan

Ph.D. Political Science and Scientific Computing (2019).

Majors: Political Methodology, Comparative Politics

Committee: Mary Gallagher (co-chair), Walter Mebane (co-chair), Nicholas Valentino, Pauline Jones

Certificate of Graduate Studies in Data Science (8/2018).

Stanford University, B.A. Political Science (2011).

AWARDS, GRANTS, AND FELLOWSHIPS

Best Paper - University of Michigan Tweet Conference 2019 (with Walter Mebane et. al., Summer 2019)

NSF Political Science Doctoral Dissertation Research Improvement Grant - National Science Foundation (2018)

Google Policy Fellowship - The Citizen Lab, University of Toronto (Summer 2017)

Best Paper - International Conference on the Advances in Computational Analysis of Political Text (Summer 2016)

PUBLICATIONS

1. Miller, Blake, Fridolin Linder, and Walter Mebane. "Active Learning Approaches for Labeling Text: Review and Assessment of the Performance of Active Learning Approaches." (Political Analysis)
2. Miller, Blake and Mary Gallagher. "Who Not What: The Logic of China's Information Control Strategy." (China Quarterly)

UNDER REVIEW

1. Miller, Blake. "The Mechanics of Control: Regulating Public Discourse Online in China."
2. Miller, Blake. "The Limits of Commercialized Censorship in China."
3. Hildebrandt, Timothy, Guodong Ju, Blake Miller. "Sponsorship as the State's Safety Tether: A Big-Data Analysis of NGO Registration in China."
4. Javed, Jeffrey and Blake Miller. "How 'Rage Bait' and Outgroup Cues Strengthen Support for Violence and Anti-Muslim Policies."
5. Javed, Jeffrey and Blake Miller. "Mobilizing Hate: Moral-Emotional Frames, Outrage, and Violent Expression in Online Media."

WORKING PAPERS
(METHODS)

1. Miller, Blake. "Social and Ethical Implications of Data Scarcity and Data Drift in Large Language Models (LLMs)."
2. Miller, Blake. "Assessing Impacts of Bias from Machine Learning Models of Text in Social Science Research Applications."
3. Miller, Blake. "Generative and Probabilistic Post-Correction of Digitized Texts: Two Novel Algorithms."
4. Miller, Blake and Michael Thompson-Brusstar. "Validating Automatic Text Digitization Frameworks."

WORKING PAPERS
(SUBSTANTIVE)

1. Miller, Blake. "The Industrial Organization of Censorship: How Firm Competition Facilitates Compliance Monitoring."
2. Miller, Blake. "Threat and Prejudice: Analyzing the Effect of Vote Margins on Hate Speech in Christian Church Sermons."
3. Grzymala-Busse, Anna and Blake Miller. "Measuring Changes in Vatican Social Policy from Papal Documents."
4. Miller, Blake. "The Effects of Covert Information Control." (Funded by NSF Doctoral Dissertation Research Improvement Grant)
5. Miller, Blake. "Automated Detection of Chinese Government Astroturfers Using Network and Social Metadata."
6. Mebane, Walter, Joseph Klaver, and Blake Miller. "Frauds, Strategies and Complaints in Germany."
7. Mebane, Walter, Patrick Wu, Logan Woods, Joseph Klaver, Alejandro Pineda, and Blake Miller. "Diverse Election Experiences Reported Without Bias: Observing Election Incidents in the United States via Twitter."

OTHER WRITING

1. Miller, Blake and Mary Gallagher. "Can the Chinese government really control the Internet? We found cracks in the Great Firewall." *The Washington Post - Monkey Cage Blog*
2. Miller, Blake and Mary Gallagher. "Can China's Approach to Internet Control Spread around the World?." *China File*
3. Crete-Nishihata, Masashi, Jeffrey Knockel, Blake Miller, Jason Q. Ng, Lotus Ruan, Lokman Tsui, and Ruohan Xiong. "Remembering Liu Xiaobo: Analyzing Censorship Of The Death Of Liu Xiaobo On Wechat And Weibo." *The Citizen Lab Report*.

CONFERENCE PRESENTATIONS

- American Political Science Association (2017, 2018, 2019, 2022, 2023)
 Conference on New Directions in Analyzing Text as Data (2018, 2021)
 European Political Science Association (2017, 2019)
 International Society for Political Psychology (2018, 2019)
 Midwest Political Science Association (2015, 2016, 2017, 2018)
 Society for Political Methodology (2017, 2018)
 Southern Political Science Association (2016, 2017, 2018)

INVITED PRESENTATIONS	<p>The Digital Reach of the Chinese State Scoping Workshop, Freie Universität Berlin, Hannover, Germany (2023)</p> <p>Center on China's Economy and Institutions, Stanford University, Stanford, CA (2022)</p> <p>Summer Institute of Computational Social Science, Nuffield College, Oxford, United Kingdom (2022)</p> <p>Noon Lecture Series, Lieberthal-Rogel Center for Chinese Studies, University of Michigan, Ann Arbor, MI (2021)</p> <p>China Information Operations Briefing Series, Oxford Internet Institute, Oxford, United Kingdom (2021)</p> <p>Repression in China and the World Conference, Yale University, New Haven, CT (2020)</p> <p>"Digital Governance in China: Towards a Chinese Model of Digital Governance?," Hertie School of Governance, Berlin (2019)</p> <p>UCSD 21st Century China Center Young Scholars Conference (2017)</p> <p>Integrating Global China Studies with Computational Social Science Research, NYU Shanghai (2016)</p> <p>Int'l Conference on the Advances in Computational Analysis of Political Text (2016)</p>
TEACHING EXPERIENCE	<p>MY 474/574 - Applied Machine Learning for Social Science - Instructor (2019-Present, The London School of Economics)</p> <p>MY 459/559 - Quantitative Text Analysis - Instructor (2019-Present, The London School of Economics)</p> <p>LPS-MY202 - Data Collection and Management with Python (2022-Present, The London School of Economics and Peking University)</p> <p>LSE Data Analytics Career Accelerator - Analytics with Python (2022-Present, The London School of Economics)</p> <p>GOV 30 - Applied Machine Learning for Social Science - Instructor (Winter 2019, Dartmouth College)</p> <p>POLSCI 339 - China's Evolution Under Communism - Graduate Student Instructor (Winter 2018, University of Michigan)</p> <p>POLSCI 514 - The Use of Social Science Computer Programs - Instructor (Fall 2015, University of Michigan)</p> <p>POLSCI 383 - Research Opportunity - Research Mentor (2015-2017)</p> <p>Undergraduate Research Opportunity Program - Research Mentor (Fall 2016 -, University of Michigan)</p> <p>Statistical Learning Workshop - Co-Founder and Coordinator (2015-2017, University of Michigan)</p>
SKILLS	<p>Language: Chinese (Advanced)</p> <p>Technical: C, C++, Python, R, web and mobile development</p>