

Jing Liu

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EDUCATION

2018	Ph.D., Economics of Education, Stanford University
2016	M.A., Economics, Stanford University
2013	M.A., Economics of Education, Peking University, China
2011	B.A., Economics, Peking University, China

ACADEMIC APPOINTMENTS

2020-Present	Assistant Professor in Education Policy, University of Maryland College Park
2018-2020	Postdoctoral Research Associate, Annenberg Institute, Brown University *Affiliate, Taubman Center for American Politics and Policy

AFFILIATIONS

2021-Present	Board Member, Baltimore Education Research Consortium
2021-Present	Research Advisory Board Member, DC Education Research Collaborative
2021-Present	Research Affiliate, IZA Institute of Labor Economics
2020-Present	Principal Investigator, Maryland Longitudinal Data System Center
2020-Present	Visiting Professor, Annenberg Institute, Brown University

PEER-REVIEWED JOURNAL PUBLICATIONS

12. **Liu, J.**, Hayes, M., Gershenson, S. (Forthcoming), “From Referrals to Suspensions: New Evidence on Racial Disparities in Exclusionary Discipline”. *Journal of Urban Economics*.
11. **Liu, J.**, Loeb, S., & Shi, Y. (2022), “More Than Shortages: The Unequal Distribution of Substitute Teaching”. *Education Finance and Policy*, 17(2), 285–308.
*Press coverage: Fordham Institute, NBC News, National Council on Teacher Quality

10. **Liu, J.** & Cohen, J. (2021), “Measuring Teaching Practices at Scale: A Novel Application of Text-as-Data Methods”. *Educational Evaluation and Policy Analysis*, 43(4), 587-614.
*Press coverage: Fordham Institute
9. **Liu, J.**, Lee, M., & Gershenson, S. (2021), “The Short- and Long-Run Impacts of Secondary School Absences”. *Journal of Public Economics*, 199, 104441.
8. **Liu, J.** & Loeb, S. (2021), “Engaging Teachers: Measuring Teacher’s Impact on Student Attendance in Secondary School”. *Journal of Human Resources*, 56(2), 343-379. [Lead Article].
*Press coverage: Chalkbeat, FutureEd, EducationDive, National Council on Teacher Quality
7. Kuhfeld, M., Soland J., Tarasawa, B., Johnson, A., Ruzek, E., & **Liu, J.**. (2020), “Projecting the Potential Impacts of COVID-19 School Closures on Academic Achievement”. *Educational Researcher*, 49(8), 549-565.
*Press coverage: New York Times
6. Sun, M., **Liu, J.**, Zhu, JM., LeClair, Z. (2019), “Using a Text-as-Data Approach to Understand Reform Processes: A Deep Exploration of School Improvement Strategies”. *Educational Evaluation and Policy Analysis*, 41(4), 510-536.
5. Penner, E., Rochmes, J., **Liu, J.**, Solanki, S., Loeb, S. (2019), “Differing View of Equity: How Prospective Educators Perceive Their Role in Closing Achievement Gaps”. *RSF: The Russell Sage Foundation Journal of Social Sciences*, 5(3), 103-127.
4. Bo, S., **Liu, J.**, Shiu, J., Song, Y., Zhou, S. (2019), “Admission Mechanisms and Mismatches between Colleges and Students: Evidence from A Large Administrative Dataset from China”. *Economics of Education Review*, 68, 27-37.
3. Whitney, C. R. & **Liu, J.** (2017), “What We’re Missing: A Descriptive Analysis of Part-Day Absenteeism in Secondary School”, *AERA Open*, 3(2).
*Press coverage: Education Week, Stanford Report
2. Bettinger, E., **Liu, J.**, Loeb, S. (2016), “Connections Matter: How Interactive Peers Affect Students in Online College Courses”, *Journal of Policy Analysis and Management* (Big Data Special Section), 35(4), 932-954.
1. **Liu, J.** & Yuan, C., (2012), “Did Value-Added Tax Reform Change Enterprise’s Employment? Evidence from the Value-Added Tax Reform in Northeastern China”, *Economic Science* (in Chinese), 1, 103-114.

PEER-REVIEWED CONFERENCE PROCEEDINGS & TECHNICAL REPORTS

3. Alic III, S., Demszky, D., Mancenido, Z., **Liu, J.**, Hill, H., & Jurafsky, D. (2022), “Computationally Identifying Funneling and Focusing Questions in Classroom Discourse”, *Proceedings of the 17th Workshop on Innovative Use of NLP for Building Educational Applications (BEA)*, pp. 224–233.
2. **Liu, J.**, (2022) ”Imperfect Attendance: Toward A Fairer Measure of Student Absenteeism”, Washington D.C.: Thomas B. Fordham Institute.
*Press coverage: K-12Dive, The 74 Million
1. Demszky, D., **Liu, J.**, Cohen, J., Hill, H., Mancenido, Z., Jurafsky, D., & Hashimoto, T. (2021), “Measuring Conversational Uptake: A Case Study on Student-Teacher Interactions”, *Proceedings of the 59th Annual Meeting of the Association for Computational Linguistics (ACL)*.

WORKING PAPERS

5. Hayes, M., **Liu, J.**, Gershenson, S., “Who Refers Whom? The Effects of Teacher Characteristics on Disciplinary Office Referrals”. (*under review*)
4. **Liu, J.**, Penner, E., Gao, W., “Troublemakers? The Role of Frequent Teacher Referrers in Expanding Racial Disciplinary Disproportionalities”. (*under review*)
3. **Liu, J.**, Lee, M., “Beyond Chronic Absenteeism: The Dynamics and Disparities of Class-Absences in Secondary School”. (*revise & resubmit in American Educational Research Journal*)
*Press coverage: The 74 Million, Chalkbeat
2. Demszky, D., **Liu, J.**, Hill, H., Jurafsky, D., Piech, C., “Can Automated Feedback Improve Teachers’ Uptake of Student Ideas? Evidence from a Randomized Controlled Trial in a Large-Scale Online Course”. (*under review*)
1. **Liu, J.**, Kulfeld, M., Lee, M., Song, D., “Noncognitive Factors and Student Long-Run Success: Comparing the Predictive Validity of Observable Academic Behaviors and Social Emotional Skills”. (*under review*)

WORK IN PROGRESS

3. “The Impact of Extra- and Co-Curricular Activities on Student Skills—New Evidence from Panel Data” (with Cameron Conard)

2. “CS for All? The Impact of Access to CS Courses on Student Short- and Long-Run Outcomes” (with David Blazar)
1. “The Behavioral Effects of Daily Air Pollution on Students and Teachers: Evidence from a Large Urban School District” (with Sarah Chung and Claudia Persico)

POLICY BRIEFS & OP-EDS

5. **Liu, J.** and Cohen, J. (2021), Natural language processing may provide a new perspective on effective teaching, *Brookings Brown Center Chalkboard*, May 17, 2021
4. **Liu, J.** (2020), “America faces a substitute teacher shortage—and disadvantaged schools are hit hardest”, *Brookings Brown Center Chalkboard*, October 21, 2020.
3. Kuhfeld, M., Soland J., Tarasawa, B., Johnson, A., Ruzek, E., & **Liu, J.** (2020), “The Impact of COVID 19 on Student Achievement and What It May Mean for Educators”, *Brookings Brown Center Chalkboard*, May 27, 2020.
2. **Liu, J.** (2017), “It’s Time to Ask Why Postsecondary Online Learning Is Not Working Well”, *Inside Higher Ed*, June 21, 2017.
1. **Liu, J.** & Loeb, S. (2016), “Going to School Is Optional: Schools Need to Engage Students to Increase Their Lifetime Opportunities”, *Brookings Evidence Speaks Series*, October 27, 2016.

GRANTS, AWARDS, AND FELLOWSHIPS

2022-2024	Winner, Global Education Technology Competition, The Learning Agency, with Heather Hill and Dora Demszky (\$249,978)
2022-2023	Abell Foundation (\$19,773)
2022-2023	Faculty-Student Research Award (FSRA), University of Maryland (\$10,000)
2021-2023	Microgrant, Maryland Longitudinal Data System Center (\$10,000)
2021-2022	Fordham Institute (\$37,500)
2021-2022	Support Program for Advancing Research and Collaboration (SPARC) New Assistant Professor Award, College of Education, University of Maryland (\$15,000)
2019-2020	Spencer Small Grant, PI: Jing Liu, Co-PI: Seth Gershenson (\$50,000)

2019-2020	Emerging Education Policy Scholar by the Thomas B. Fordham Institute and the American Enterprise Institute
2017-2018	National Academy of Education/Spencer Dissertation Fellowship (\$27,500)
2017-2018	Shultz Graduate Student Fellowship in Economic Policy, Stanford Institute for Economic Policy Research (\$17,500)
2017-2018	Dissertation Support Grant, Stanford Graduate School of Education (\$6,000)
2017-2018	Dissertation Grant, Stanford Freeman Spogli Institute (\$15,000)
2017-2018	Technology for Equity in Learning Opportunities Award, Stanford Graduate School of Education (\$7,500)
2015-2016	The Karr Family Fellowship, Stanford Center for Education Policy Analysis
2013-2014	The I. James and Viola Quillen Fellowship, Stanford Graduate School of Education
2011	Best Paper Award, Deloitte Tax Championship, China
2011	Outstanding Graduate, Department of Public Finance, Peking University
2011	Excellent Graduate Thesis, Department of Public Finance, Peking University

INVITED TALKS

2022	UMD School of Public Health (scheduled), The Network to Advance State Attendance Policy and Practice Meeting, UMD Computational Linguistics and Information Processing, Research Designs and Measurement for Teacher Education Conference, Association for Public Policy Analysis & Management Annual Conference, Association for Education Finance & Policy Annual Conference.
2021	Association for Education Finance & Policy Annual Conference, Research Designs and Measurement for Teacher Education Conference, Society of Labor Economists Annual Conference, George Mason University, University of Oslo.
2020	Association for Public Policy Analysis & Management Annual Conference, University System of Maryland Board of Regents Meeting, Maryland Longitudinal Data System Center, Shanghai International Studies University, Peking University

2019	American Education Finance & Policy Annual Conference, Association for Public Policy Analysis & Management Annual Conference, University of Connecticut, University of California at Irvine, Brown University, NWEA, University of Maryland College Park.
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TEACHING EXPERIENCE

2022-Present	Economics of Education, UMD, Instructor
2021-Present	Data Management for Social Science Research, UMD, Instructor
2020-Present	Quantitative Analysis of Education Policy Analysis, UMD, Instructor
2021, 2022	Policy Analysis of the Education Workforce, UMD, Instructor
2019	Annenberg Undergraduate Fellowship in Education and Social Policy, Brown, Program Designer and Instructor
2018	Introduction to Test Theory, Stanford, Teaching Assistant
2017	Education Policy in the United States, Stanford, Teaching Assistant
2016	Statistical Analysis in Education: Regression, Stanford, Teaching Assistant
2014	Economics of Education in the Global Economy, Stanford, Teaching Assistant

SERVICES

Referee	<i>AERA Open, American Education Research Journal, Child Development, Developmental Psychology, Economic Inquiry, Economics of Education Review, Education Researcher, Educational Evaluation and Policy Analysis, the Elementary School Journal, Journal of Labor Economics, Journal of Public Economics, Journal of Research on Educational Effectiveness, Journal of Policy Analysis and Management, Journal of Economic Behavior and Organization</i>
Conferences	Society of Labor Economists (SOLE) Annual Conference Program Committee (2023); Association for Education Finance and Policy (AEFP) Annual Conference Reviewer (2022)
UMD	College of Education Senate (2021-2023) Grant writer hiring committee (2022) Education policy tenure-track faculty position hiring committee (2022) Dissertation Committee: Francisco Lagos Marin, Robert Reed Senter Comprehensive Exams: Shilpa Bista, Matthew McCrea, Xiaoli Gong
Stanford	Student Liaison, Stanford Institute for Research in the Social Sciences (2015-2018)
Memberships	Association for Education Finance and Policy (AEFP) Association for Public Policy and Management (APPAM) American Education Research Association (AERA)

Society for Research on Educational Effectiveness (SREE)