

## MIN SUN

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[misun@uw.edu](mailto:misun@uw.edu)

### ACADEMIC POSITIONS

- 2022-present      **Professor** of Education Policy  
**Director** of AmplifyLearn.AI  
College of Education  
University of Washington
- 2018 - 2022      **Associate Professor** of Education Policy  
**Founder and Co-Director** of Education Policy Analytics Lab  
College of Education  
University of Washington
- 2014 -18          **Assistant Professor** of Education Policy  
College of Education  
University of Washington
- 2011-14          **Assistant Professor** of Quantitative Methods and Policy Analysis  
School of Education  
Virginia Polytechnic Institute and State University (Virginia Tech)

### EDUCATION

- 2006-11          Ph.D. dual major in Educational Policy (Ed. Policy) and Measurement and Quantitative Methods (MQM)  
Michigan State University
- 2003-06          M.A. Economics of Education  
Beijing Normal University
- 1999-03          B.A. Pre-school Education  
Hebei University

### OTHER PROFESSIONAL EXPERIENCES

- 2014-15          Visiting Scholar at the Center for Education Policy Analysis (CEPA)  
Graduate School of Education  
Stanford University
- 2005-06          Visiting Scholar in Educational Policy  
European Commission  
European Union

### AWARDS AND HONORS

- 2023              Semi-finalist, The Tools Competition Organized by the Learning Agency

2020	Winner, NSF I-Corps Innovation Competition at the Northwest site
2016	Thomas B. Fordham Institute and American Enterprise Institute: Emerging Education Policy Scholar
2014	National Science Foundation (NSF): Early Career Scholar
2011	American Educational Research Association (AERA): Dissertation Grant Award
2007	Michigan State University: Graduate Student Research Enhancement Award
2006	Michigan State University: Erickson Research Fellowship
2006	Beijing Normal University: Excellent Thesis for Master's Degree
2005	European Commission: Full Erasmus Mundus Scholarship

## PRIMARY RESEARCH GRANTS

07/2023- 6/2027	National Science Foundation (NSF), "Understanding Teachers' Lesson Plan Quality to Advance Middle-Grade Mathematics Instruction: A Combined Approach of Computer-Assisted Methods and Human Interactions." Principal Investigator (with Co-PIs Lorraine Males, Melissa Boston, Wei Ai, & Jing Liu). Award amount approximately: \$1,500,000.
07/2023-06/26	Institute of Education Science (IES), "Innovation Science for Education Analytics (ISEA): A Data Science Training Program to Advance Educational Research and Practice." Principal Investigator (with Co-PIs David Beck, Lovenoor Aulck, & Sarah Stone). Award amount approximately \$800,000.
10/2021-08/22	Ballmer Group, "Evidence for Equity: Understanding and Addressing Inequity in Washington State's Education System." Principal Investigator (with Co-PIs Brock Grubb and David Knight). Award amount: \$236,650.
07/2021-06/23	National Science Foundation, "PFI-TT: Using 'Big Data' Analytics to Empower K-12 Teachers for Instructional Improvement." Principal Investigator. Award amount approximately: \$305,000.
07/2021-06/24	National Science Foundation, "Developing the STEM Workforce: Career Pathways of Math and Science Teachers in Texas and Washington after the COVID-19 Pandemic." Co-Principal Investigator (with PI, David Knight, Co-PIs Christopher Candelaria and David DeMatthews). Award amount approximately: \$1,500,000.
04/2021-06/21	Bill & Melinda Gates Foundation, "Racial Equity-Centered Accountability and Assessment Frameworks for K-12 Student Success." Lead Investigator (with PI, Deborah McCutchen). Award amount: \$25,800.
01/2021-12/23	William T. Grant Foundation, "Reducing Inequality through School Finance Reforms: Understanding the Mechanisms and Outcomes." Principal Investigator (with Co-PIs, David Knight, Christopher Candelaria, and Marge Plecki). Award amount approximately: \$350,000.
09/2020-12/20	Bill & Melinda Gates Foundation, "Frameworks and Strategies for Data Equity Practices." Lead Investigator (with PI, Deborah McCutchen). Award amount: \$25,800.

- 07/2019-06/22 Institute of Education Sciences (IES), “Systemic Teacher Talent Management: Partnering to Support Beginning and Struggling Veteran Teachers.” Principal Investigator (with Co-PIs Clover Codd, Eric Anderson, Marge Plecki, and Kevin Bastian). Award amount approximately: \$400,000.
- 07/2018-06/20 Spencer Foundation, “Public Policy, Organizational Reform Strategies and Performance: A Textual Analysis of Strategic Actions that Move the Needle in Underperforming Schools.” Principal Investigator. Award amount: \$50,000.
- 01/2018-12/20 Spencer Foundation, “Collaborating to Build School and Systems Capacity for Racial Equity”. Co-Principal Investigator (with PI Ann Ishimaru and Co-PI Filiberto Barajas-López). Award amount: \$400,000
- 08/2014-07/20 National Science Foundation (NSF), “CAREER: Exploring Beginning Mathematics Teachers’ Career Patterns.” Principal Investigator. Award amount: \$621,578.
- 08/2014-07/20 National Science Foundation (NSF), Supplement to “CAREER: Exploring Beginning Mathematics Teachers’ Career Patterns.” Principal Investigator. Award amount: \$86,942.
- 06/2017-05/18 Washington Educational Research Association (WERA), “Research Collaborative on Addressing Systemic Disparities in Education.” Co-Principal Investigator (with PI Ann Ishimaru and Co-PI Filiberto Barajas-López). Award amount: \$4,185.
- 09/2013-08/15 National Science Foundation (NSF), “Cross-National Comparison of School and District Supports for High-Quality Mathematics Instruction in the U.S. and China.” Co-Principal Investigator (with PI Thomas Smith and Co-PI Paul Cobb). Award amount: \$200,000.
- 07/2013-06/14 Virginia Tech, “Organizing for Policy Implementation in Schools: Evidence from the Implementation of New Performance-Based Teacher Evaluation Reform in Virginia.” Jointly funded by the College of Liberal Arts and Human Sciences (CLAHS) Grant-Writing Incentive Grants and Institute for Society, Culture, and Environment (ISCE). Principal Investigator. Award amount: \$10,000.
- 08/2012-09/12 Virginia Tech, “School and District Supports for Mathematics Teachers’ Learning.” Funded by the Institute for Society, Culture, and Environment (ISCE). Principal Investigator. Award amount: \$5,000.
- 06/2010-05/11 American Educational Research Association (AERA), in conjunction with National Science Foundation (NSF), “Shaping Professional Development to Promote the Diffusion of Instructional Expertise among Teachers.” Principal Investigator. Award amount: \$20,000.

## EDTECH PRODUCT

Principal Innovator and Founder of Colleague.AI: An AI-enhanced Assistant Empowering K-12 Teachers for Rigorous, Engaging, and Personalized Education. (colleague.ai)

## PEER-REVIEWED JOURNAL ARTICLES

\* indicates a graduate or former graduate student; # indicates a practitioner

28. Sun, M., Candelaria, C.A., Knight, D., LeClair, Z., Kabourek, S.E., & Chang, K. (2024). The effects and local implementation of school finance reforms on teacher salary, hiring and turnover. *Educational Evaluation and Policy Analysis*.  
<https://doi.org/10.3102/016237372312138>
27. Liu, A. \*, & Sun, M. (2024). *From Voices to Validity: Leveraging Large Language Models (LLMs) for Textual Analysis of Policy Stakeholder Interviews*. arXiv preprint arXiv:2312.01202.
26. Ishimaru, A. M., Barajas-López, F., Sun, M., Scarlett, K., & Anderson, E. (2022). Transforming the role of RPPs in remaking educational systems. *Educational Researcher*, 51(7), 465-473.
25. Knight, D., Hassairi, N., Candelaria, C., Sun, M., & Plecki, M. (2022). Prioritizing school finance equity during an economic downturn: Recommendations for state policymakers. *Education Finance and Policy*, 17(1), 188-199.
24. Aulck, L. \*, Malters J., Lee C. Mancinelli, G., Sun, M., & West, J. (2021). Helping students FIG-ure it out: A large-scale study of freshmen interest groups and student success. *AERA Open*. <https://doi.org/10.1177/23328584211021857>
23. Sun, M., Kennedy, A.I. \*, & Loeb, S. (2021). The longitudinal effects of School Improvement Grants. *Educational Evaluation and Policy Analysis*, 43(3), 647-667.  
<https://doi.org/10.3102/01623737211012440>
22. Bastian, K.C., Sun, M., & Lynn, H. (2021). What do surveys of program completers tell us about teacher preparation quality? *Journal of Teacher Education*, 72(1), 11-26.
21. Sun, M., Kennedy, A.I. \*, & Anderson, E.M. # (2020). The multidimensionality of school performance: Using multiple measures for school accountability and improvement. *Education Policy Analysis Archives*, 28 (89). <https://doi.org/10.14507/epaa.28.4689>
20. Kim, J. \*, & Sun, M. (2020). The implementation and potential effects of teacher evaluation under local control. *School Effectiveness and School Improvement*, 32(2), 279-305.
19. Sun, M., Liu, J., LeClair, Z. \*, & Zhu, J. \* (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.
18. Kim, J. \*, Sun, M., & Youngs, P. (2019). Developing the 'will': The relationship between teachers' perceived Policy legitimacy and instructional improvement? *Teachers College Record*, 121(3), 1-44.
17. Sun, M. (2018). Black teachers' retention and transfer patterns in North Carolina: How do patterns vary by teacher effectiveness, subject, and school conditions? *AERA Open*, 4(3), <https://doi.org/10.1177/2332858418784914>
16. Master, B., Sun, M., & Loeb, S. (2018). Teacher workforce developments: Recent changes in

- academic competitiveness and job satisfaction of new teachers. *Education Finance and Policy*, 13(3), pp.310-332.
15. Sun, M., Penner, E., & Loeb, S. (2017). Resource- and approach-driven multi-dimensional change: Three-year effects of School Improvement Grants. *American Educational Research Journal*, 54(4), 607-643.
  14. Sun, M., Saultz, A. \*, & Ye, Y. \* (2017). Federal policy and the teacher labor market: Exploring the effects of NCLB school accountability on teacher turnover. *School Effectiveness and School Improvement*, 28(1), 102-122.
  13. Sun, M., Loeb, S., & Grissom, J. A. (2017). Building teacher teams: Positive spillover from more effective colleagues. *Educational Evaluation and Policy Analysis*, 39(1), 104-125.
  12. Sun, M., & Ni, Y. (2016). Work environments and labor markets: Explaining principal turnover gap between charter schools and traditional public schools. *Educational Administration Quarterly*, 52(1), 144-183.
  11. Ni, Y., Sun, M., & Rorrer, A. (2015). Principal turnover: Upheaval and uncertainty in charter schools? *Educational Administration Quarterly*, 51(3), 409-437.
  10. Frank, K. A., Lo, Y., & Sun, M. (2014). Social network analysis of the influences of educational reforms on teachers' practices and interactions. *Zeitschrift für Erziehungswissenschaft*, 17, 117-134. (all three authors are in equal authorship, alphabetically ordered).
  9. Sun, M., Garrison, A. \*, Larson, C. J., & Frank, K. A. (2014). Exploring colleagues' professional influences on mathematics teachers' learning. *Teachers College Record*, 116(6), 305-335.
  8. Konstantopoulos, S., & Sun, M. (2014). Are teacher effects larger in small classes? *School Effectiveness and School Improvement*, 25(3), 312-328.
  7. Sun, M., Penuel, W. R., Frank, K. A., Gallagher, H. A., & Youngs, P. (2013). Shaping professional development to promote the diffusion of instructional expertise among teachers. *Educational Evaluation and Policy Analysis*, 35(3), 344-369.
  6. Sun, M., Frank, K. A., Penuel, W.R., & Kim, C. (2013). How external institutions penetrate schools through formal and informal leaders? *Educational Administration Quarterly*, 49(4), 610-644.
  5. Penuel, W. R., Frank, K. A., Sun, M., Kim, C., & Singleton, C. A. (2013). The organization as a filter of institutional diffusion. *Teachers College Record*, 115(1), 306-339.
  4. Konstantopoulos, S., & Sun, M. (2012). Is the persistence of teacher effects in early grades larger for lower-performing students? *American Journal of Education*, 118(3), 309-339.
  3. Penuel, W. R., Sun, M., Frank, K. A., & Gallagher, H. A. (2012). Using social network analysis to study how collegial interactions can augment teacher learning from external professional development. *American Journal of Education*, 119(1), 103-136.
  2. Sun, M., Youngs, P., Yang, H., Chu, H., & Zhao, Q. (2012). The association of district principal leadership evaluation with learning-centered leadership practice: Evidence from Michigan and Beijing. *Educational Assessment, Evaluation and Accountability*, 24(3), 189-213.

1. **Sun, M.**, & Youngs, P. (2009). How does district principal evaluation affect learning-centered principal leadership? Evidence from Michigan school districts. *Leadership and Policy in Schools, 8*(4), 411-445.

#### WORKING PAPERS UNDER PEER REVIEW

**Sun, M.**, Candelaria, C.A., Knight, D., LeClair, Z., Kabourek, S.E., & Chang, K. (Revise & Resubmit). *The effects and local implementation of school finance reforms on teacher salary, hiring and turnover*. (EdWorkingPaper: 22-585). A [working paper](#) published by Annenberg Institute at Brown University.

Bisht, B., LeClair, Z., Loeb, S., & **Sun, M.** (under review). *Paraeducators: Growth, diversity and a dearth of professional supports*. (EdWorkingPaper: 21-490). [A working Paper](#) published by Annenberg Institute at Brown University (*All four authors are in equal authorship, alphabetically ordered*)

#### MANUSCRIPTS IN PROGRESS

Knight, D.S., Candelaria, C.A., **Sun, M.**, Almasi, P., Kabourek, S., & Liu, A. More for the Wealthy? Unintended consequences of court-mandated school finance reforms.

Candelaria, C.A., **Sun, M.**, Knight, D.S., Liu, A., Kabourek, S., & Almasi, P. School finance reform implementation and impacts on resource allocation: A case study of funding formula changes in Washington state.

#### BOOK CHAPTERS

Tian, V., **Sun, M.**, Liu, A., Sarkar, S., & Liu, J. (In press). Instructional improvement: Leveraging AI/ML-assisted text analysis to generate insights from educational artifacts. In S. Kelly (Eds.), *Research Handbook on Classroom Observation*. Edward Elgar.

Penuel, W. R., Spillane, J. P., & **Sun, M.** (2021). Learning sciences and policy: a decade of mutual engagement. In (Eds. R.K. Sawyer) *Handbook of the Learning Sciences (3<sup>rd</sup> Edition)*. New York, NY: Cambridge University Press.

**Sun, M.**, Mutcherson B. R. \*, & Kim, J.\* (2015). Teachers' use of information to improve instruction and school supports for this use. In J. A. Grissom & P. Youngs (Eds.), *Making the most of multiple measures: The impacts and challenges of implementing rigorous teacher evaluation systems* (pp. 102-115). New York, NY: Teachers College Press.

**Sun, M.** (2014). Capacity building of organizations. In D. J. Brewer and L.O. Picus (Eds.), *Encyclopedia of education economics and finance* (pp. 93-97). Thousand Oaks, CA: Sage Publications.

Penuel, W. R., Frank, K. A., **Sun, M.**, & Kim, C. (2011). Teachers' social capital and the implementation of schoolwide reforms. In S. Kelly (Ed.), *Assessing teacher quality: Understanding teacher effects on instruction and achievement* (pp. 183-200). New York, NY: Teachers College Press.

#### COMMENTARIES, BRIEFS AND REPORTS (SELECTED)

- Sun, M.** (June, 2020). *Reinvesting in school improvement as a strategy for economic recovery*. *Brown Center Chalkboard at the Brookings Institute*. Retrieved from <https://www.brookings.edu/blog/brown-center-chalkboard/2020/06/12/reinvesting-in-school-improvement-as-a-strategy-for-economic-recovery/>
- Sun, M.**, Kennedy, A.\* , Anderson, E.# (2018). *What do states need to know about using multiple measures for school accountability?* Seattle, WA: Education Policy Analytics Lab.
- Bastian, K.C., **Sun, M.**, & Lynn, H. (2017). *What do graduate surveys tell us about teacher preparation quality?* Chapel Hill, NC: Education Policy Initiative at Carolina.
- Sun, M.**, Mutcherson, R. B. \* , & Kim, J.\* (2015). *The implementation of Virginia Teacher Evaluation System: Year 2 Report*. Seattle, WA: University of Washington.
- Sun, M.**, Mutcherson, R. B.\* (2014). *The implementation of Virginia Teacher Evaluation System: Year 1 Report*. Blacksburg, VA: Virginia Tech.
- Sun, M.** (2013). *Shaping professional development to promote the diffusion of instructional expertise among teachers*. Palo Alto, CA: Policy Analysis for California Education.
- Sun, M.** (2012). *Evaluation of the National Writing Project School Partnership: Report on a social network analysis*. Blacksburg, VA: Virginia Tech.

#### INVITED SPEAKER PRESENTATIONS (SELECTED)

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|------------|--|
| 2022, 2023 | Invited Guest Talk, Pacific University, OR.  |
| 2021       | Speaker Series on “Big Data” in Educational Research, Beijing Normal University, China.  |
| 2020       | Speaker Series of Education Committee, University of Chicago, IL.  |
| 2020       | Data Science in Education Speaker Series, College of Education, University of Oregon, OR.  |
| 2017       | LEV Webinar, the Leagues of Educational Voter, Seattle, WA.  |
| 2017       | Featured panel at The International Teacher Leadership Conference, Bill & Melinda Gates Foundation and the University of Florida, Miami, FL. |
| 2016       | Joint seminar at the Department of Economics and Woodring College of Education at Western Washington University, Bellingham, WA.             |
| 2015       | Labor Economics brownbag at the University of Washington, Seattle, WA.   |
| 2015       | Social Network Analyses seminar at Michigan State University, East Lansing, MI.  |
| 2014       | Faculty seminar at the Center for Education Policy Analysis (CEPA) at Stanford University, Palo Alto, CA.                                    |
| 2014       | EdPolicyWorks: The Center for Education Policy and Workforce Competitiveness. University of Virginia, Charlottesville, VA.                   |
| 2013       | Educational Policy Center at Michigan State University, East Lansing, MI.  |

#### MEDIA COVERAGE (SELECTED)

- 2023 “Students of color are now the majority in WA public schools.” *The Seattle Times*
- 2022 “Paraprofessionals: As the ‘Backbones’ of the Classroom, They Get Low Pay, Little Support.” *Education Week*
- 2020 “Podcast: Reinvesting in school improvement as a strategy for economic recovery from COVID-19”. *UW Today* and the *UW COE News*  
 “Can big data help faster a more culturally responsive teaching workforce?”  
 EduTalks 2020, UW College of Education  
 “Hindsight improves the picture for Obama-Era school improvement program”  
*Education Week*  
 “Machine learning in schools? UW researcher eyes big role for big data in improving public education” *Seattle Times*  
 “Big Obama administration grants for Washington’s worst schools paid off, new study shows” *Seattle Times*
- 2019 “Performance gap among Washington students widens on national test as gifted education faces scrutiny” *Seattle Times*  
 “11 Charts that changed the way we think about schools in 2018” *The 74 Million Kids*
- 2018 “Black teachers leave schools at higher rates—Why?” *Chalkbeat*
- 2017 “Grants to strengthen community-engaged partnerships.” *UW COE News*.  
 “Betsy DeVos called Obama’s school turnaround program a failure, but new research shows it worked—in a few places.” *Chalkbeat*  
 “Study: Sustained investment in lowest-performing schools can drive improvement.” *UW Today*  
 “UW study suggests federal school-improvement grants weren’t a complete waste.” *Seattle Times*  
 “Criticized federal grant program helped turn around Spokane’s Rogers High School.” *The Spokesman-Review*
- 2016 “School leadership and teacher collaboration.” *Education Week*  
 “An effective teacher can improve student learning across the grade, study finds.”  
*Education Week*  
 “New teachers rate higher academically than in the past.” *Seattle Times*  
 “A teacher satisfaction gap? New study shows teachers of color less happy in their schools.” *The 74 Million Kids*  
 “Teachers of color less happy in their schools, new study shows.” *UW COE Newsletter*
- 2015 “The spillover effect: Good teaching doesn’t stop at the classroom door.” *UW Today*  
 “Social capital matters as much as human capital—A message to skeptics.” *Albert Shanker Institute Blog*  
 “What makes professional development ripple through a school?” *School Leadership 2.0*

#### PEER-REFEREED CONFERENCE PRESENTATIONS (SELECTED)

Knight, D.S., Candelaria, C.A., **Sun, M.**, Almasi, P., Kabourek, S., & Liu, A. (2023). *More for the Wealthy? Unintended consequences of court-mandated school finance reforms*. A paper presented at:

- Annual Meeting of the Association for Education Finance and Policy (AEFP), March 2023.



- Sun, M.**, Liu, A., & Chang, K. *Comparing two human-computer interactive textual analyses to support policymaking: Analyzing interview data for advancing educational equity*. A paper presented at:
- Annual Meeting of the Association for Education Finance and Policy (AEFP), March 2023.
- Candelaria, C.A., **Sun, M.**, Knight, D.S., Liu, A., Kabourek, S., & Almasi, P. (2023). *School finance reform implementation and impacts on resource allocation: A case study of funding formula changes in Washington state*. Paper presented at:
- Annual Meeting of the Association for Education Finance and Policy (AEFP), March 2023.
- Sun, M., \*LeClair, Z., Wills, K. C., & Esbenshade, L#. The implementation and effects of Peer Assistance and Review (PAR) on supporting the development of beginning and struggling veteran teachers. A paper presented at:
- Annual Meeting of the Association for Public Policy Analysis and Management (APPAM), Denver, CO. November 2021.
- Sun, M., Candelaria, C. A., Knight, D. \*LeClair, Z., & \*Kabourek, S.E. \* Chang, K, T-C. The effects and mechanisms of McCleary school finance reforms on teacher salary and labor markets. Paper presented at:
- Annual Meeting of the Association for Education Finance and Policy (AEFP), March 2021.
- Sun, M., Kennedy, A., & Loeb, S. *The longitudinal effects of School Improvement Grants*. Different versions of this paper presented at:
- Annual Meeting of the American Education Research Association (AEFP), Toronto, Canada, April, 2018.
  - Annual Meeting of the Association for Public Policy Analysis and Management (APPAM), Denver, CO. November 2019.
- Sun, M., Liu, J., Zhu, J., & LeClair, Z. *Public policy, organizational reform strategies, and performance: A textual analysis of strategic actions that move the needle in underperforming schools*. Different versions of this paper presented at:
- Annual Meeting of the Association for Education Finance and Policy (AEFP), Portland, OR. March, 2018.
  - Annual Meeting of the Association for Public Policy Analysis and Management (APPAM), Chicago, IL. November, 2017.
- Sun, M., Penner, M., & Loeb, S. *Resource- and approach-driven multi-dimensional change: Three-year effects of School Improvement Grants*. Different versions of this paper presented at:
- Annual Meeting of the Association for Education Finance and Policy (AEFP), Washington, DC. March, 2017.
  - Annual Meeting of the Association for Public Policy Analysis and Management (APPAM), Washington DC. November, 2016.
- Sun, M. *Retention and transfer patterns of Black teachers vary by their effectiveness, subjects, and school conditions*. Different versions of this paper presented at:
- Annual Meeting of the Association for Education Finance and Policy (AEFP), Washington, DC. March, 2017.

- Annual Meeting of the American Education Research Association (AERA), San Antonio, TX. April, 2017

Saultz, A., Lane, J., & Sun, M. (2017, April). *What should educational leaders know about teacher policy under ESSA?* Paper presented at the Annual Meeting of the American Education Research Association (AERA), San Antonio, TX.

Sun, M., Loeb, S., & Grissom, J. A. *Building teacher teams: Positive spillover from more effective colleagues*. Different versions of this paper presented at:

- Annual Meeting of the Association for Education Finance and Policy (AEFP), Denver, CO. March, 2016.
- Annual Meeting of the Association for Public Policy Analysis and Management (APPAM), Miami, FL. November, 2015.
- Annual Meeting of the American Education Research Association (AERA), San Antonio, TX. April, 2017.

Sun, M., Mutcherson B. R., & Kim, J. (2016, March). *Teachers' use of information to improve instruction and school supports for this use*. Paper presented at the Annual Meeting of the Association for Education Finance and Policy (AEFP), Denver, CO.

Sun, M., Saultz, A., & Ye, Y. *Federal policy and the teacher labor market: Exploring the effects of NCLB on teacher turnover*. Different versions of this paper presented at:

- Annual Meeting of the American Education Research Association (AERA), Chicago, IL. April, 2015.
- Annual Meeting of the Association for Education Finance and Policy, San Antonio, TX. March, 2014.

Sun, M., Frank, K. A., Spillane, J., Penuel, W. R., & Daly, A. (2014, April). *Analysis of social networks of educators: Empirical findings, practical applications, new directions and theoretical issues*. Presenter and Chair, Presidential Session at the Annual Meeting of the American Educational Research Association, Philadelphia, PA.

Sun, M. (2013, March). *Effects of schools' failure to make Adequately Yearly Progress (AYP) on teacher turnover: An application of propensity score matching*. Paper presented at the Annual Meeting of the Association for Education Finance and Policy, New Orleans, LA.

Sun, M., & Ni, Y. (2013, March). *Explaining the principal turnover gap between charter schools and traditional public schools: Evidence from a nationally representative sample*. Paper presented at the Annual Meeting of the Association for Education Finance and Policy, New Orleans, LA.

Sun, M., & Penuel, W. R. (2012, April). *Longitudinal analysis of how professional development can promote changes in teaching and learning*. Paper presented at the Annual Meeting of the American Educational Research Association, Vancouver, BC, Canada.

Sun, M., & Youngs, P. (2012, April). *The association of district principal leadership evaluation with learning-centered leadership practice*. Paper presented at the Annual Meeting of the American Educational Research Association, Vancouver, BC, Canada.

Sun, M., & Penuel, W. R. (2012, April). *Using social network analysis to study how collegial interactions can augment teacher learning from external professional development*. Paper

presented at the Annual Meeting of the American Educational Research Association, Vancouver, BC, Canada.

Sun, M., & Frank, P. (2011, April). Peers' influence on teachers' pedagogical content knowledge and instructional practices. Paper presented at the Annual Meeting of the American Educational Research Association, New Orleans, LA.

Sun, M., & Penuel, W. R. (2010, April). Formal versus informal leaders: How institutions penetrate schools. Paper presented at the Annual Meeting of the American Educational Research Association, Denver, CO.

## RESEARCH CONSULTING

- 2022-2022- Advisory Board Member, "SBE-School Climate Project." PI: Jason R. Kilmer  
 Advisory Board Member, "Codesigning Family-School Agency & Early Critical Literacies of Black Youth towards Systematic Racial Equity."  
 2015-2021 Advisory Board Member, "Pre-service Teachers and Their Clinical Experience." PI: Mark Windschitl  
 2014-2017 Collaborator, "Effective Human Resource Management in San Francisco Unified School District". Partnership between the Center for Education Policy Analysis at Stanford University and San Francisco Unified School District. PI: Susanna Loeb  
 2013-2018 Consultant, "Building Capacity for Science Standards Through Networked Improvement Communities." Funded by the National Science Foundation (NSF).  
 PIs: Jessica Thompson & Mark Windschitl  
 2009-12 Consultant, "Middle School Mathematics and the Institutional Setting of Teaching." Funded by the National Science Foundation (NSF). PIs: Paul Cobb & Thomas Smith  
 2009-12 Consultant, "National Evaluation of Writing Professional Development." Funded by multiple sources, including the Institute of Education Sciences (IES) and the National Science Foundation (NSF). PIs: H. Alix Gallagher & Patrick Shields

## COURSES TAUGHT

EDLPS 302: Introduction to Education Policy  
 EDLPS 560: Education Policy Studies and Practice  
 EDLPS 567: Education Policy for the Improvement of Teaching and Learning  
 EDLPS 564: Economics of Education  
 EDEL 6044: Educational Policy and School Governance  
 EDLPS 567: Applied Quasi-Experimental Design and Data Analysis in Education and Other Social Sciences  
 EDRE 6605: Quantitative Research Methods in Education I  
 EDRE 6606: Quantitative Research Methods in Education II  
 EDRE 6654: Multivariate Statistics for Applications to Educational Problem

## ADVISING OF DOCTORAL STUDENTS

Chair: Alex Liu (Ph.D. student in Education Policy, 2021- present)  
 Carlos Aldrete (Ph.D. student in Education Policy, 2020- present)  
 Zach LeClair (Ph.D. student in Education Policy, 2018- present)  
 Alan Moore (Ph.D. student in Education Policy, 2017-present)

Dr. Yincheng Ye (2015): Research Associate at the College of Education at Michigan State University  
 Dr. Ryan Brock Mutcherson (2015): Assistant Dean of Assessment and Program Evaluation, and Assistant Professor at Carillion School of Medicine at Virginia Tech  
 Dr. Mechelle Savedge Blunt (2013)

Committee member: Julia P Schleimer (Ph.D. student in Epidemiology, 2022-present)  
 Katherine Chang (Ph.D. student in Education Policy, 2020-present)  
 Amy Li (Ph.D. student in school psychology, 2020- present)  
 Andres Sanchez (Ph.D. in Economics, 2019)  
 Linghui Chu (Ph.D. in Early Childhood Studies, 2017-present)  
 Alec Kennedy (Ph.D. in Public Affairs, 2019)  
 Lavi Auluk (Ph.D. in the School, 2019)  
 Caroline Black (Ph.D. in Early Childhood Studies, 2018)  
 Anna Van Windekens (Ph.D. in Special Ed., 2018)  
 Dr. Mahtab Nazemi (Ph.D. in Curriculum and Instruction, 2017)  
 Dr. Jihyun Kim (Ph.D. in Education Policy, 2017)  
 Dr. Sumeyra Sahbaz (Ph.D. in Measurement and Research Methods, 2014)  
 Dr. Molly Hall (Ph.D. in Measurement and Research Methods, 2014)  
 Dr. Roofia Galeshi (Ph.D. in Measurement and Research Methods, 2012)  
 Dr. Kenneth Nicely (Ph.D. in Leadership and Policy, 2012)

## SERVICE

### *College and University*

2022-present Member, UW College of Education Advisory Council (CAC)  
 2020-21 Chair, Academic Initiative and Program Committee, College of Education at the University of Washington  
 2019- 20 Vice Chair, Academic Initiative and Program Committee, College of Education at the University of Washington  
 2018-20 Member, UW Royal Research Funds Review Committee  
 2018-19 Co-chair, Search Committee for the Associate/Assistant Professor in Educational Finance, Policy, and Politics  
 2017-18 Member, Search Committee for the Assistant Professor in Educational Finance, Policy, and Politics  
 2016-17 Member, Faculty Development and Support Committee, College of Education at the University of Washington  
 2016 Sponsor, State Assistant Superintendent, Michael Merrin, UW visit  
 2014-15 Organizer, Teacher Quality and Quantitative Education Policy Forum (jointly with Drs. Cap Peck and Mike Knapp), College of Education at the University of Washington  
 2013 Member, Committee for the review of the continuing charter of the Center for Research and Development in Education (CRaDIE) at Virginia Tech  
 2012 Member, Higher Education Visiting Assistant Professor Search Committee at Virginia Tech

### *Regional and State Level*

2022-present	Governing Board Chair, Regional Education Laboratory (REL) Northwest
2017–present	Committee member, the Washington State K12 Education Data Governance Committee
2016-2021	Expert Panelist, Seattle Public Schools in Washington
2016-2018	Expert Panelist, Research-Policy Alliance with the State of Washington Office of School and System Improvement
2015-2018	Expert Panelist, the State of Washington Professional Educator Standards Board (PESB)
2012-2015	Expert Panelist, Salem City Schools in Virginia

#### *National Level*

2016-present	Editorial Board Member, <i>Educational Evaluation and Policy Analysis</i>
2018- 2019	Associate Editor, <i>Educational Administration Quarterly</i> (EAQ)
2017-2018	Member, the Meetings/Conference Committee, Association for Public Policy Analysis and Management (APPAM)
2012, 2013	Member, AERA Division H Outstanding Publication Award Competition Review Panel
March 2013	Discussant, the Association of Educational Finance and Policy annual meeting
2009-2018	Proposal Reviewer, American Educational Research Association (AERA) annual meetings
2009, 2010	Proposal Reviewer, University Council of Educational Administration (UCEA)
2011-2019	Grant Proposal Reviewer, National Science Foundation (NSF)
2014	Grant Proposal Reviewer, Spencer Foundation
2014 spring	Member, AERA Division L, Outstanding Dissertation Award Competition Review Panel

#### *Peer Reviewer for Journals*

Education Evaluation and Policy Analysis, American Educational Research Journal, Educational Researcher, American Journal of Education, American Journal of Evaluation, Education Administration Quarterly, Education Finance and Policy, AERA Open, Journal of Educational and Behavioral Statistics, School Effectiveness and School Improvement

#### **PROFESSIONAL AFFILIATIONS**

Association for Education Finance and Policy (AEFP)  
 Association for Public Policy Analysis and Management (APPAM)  
 Society for Research on Educational Effectiveness (SREE)  
 American Educational Research Association (AERA)