

MENGCHEN SU

College of Education and Human Development | University of Minnesota

Minneapolis, MN | United States

T: 518-360-5008 | sum@umn.edu | www.linkedin.com/in/msu2 | mengchensu.com

EDUCATION

- 2021 - present Post-Doctoral Associate at Learning Informatics Lab
University of Minnesota, Minneapolis, MN
Research Committee: Dr. Bodong Chen (Supervisor),
Dr. Joseph Konstan, Dr. Sashank Varma
Current project: the integration of *social emotional learning and school climate information to K-12 school dropout early warning systems*
- 2018 - 2021 Ph.D. in Educational Psychology and Quantitative Methods
SUNY University at Buffalo, Buffalo, NY
Dissertation Committee: Dr. Jaekyung Lee (Advisor), Dr. Seong Won Han, Dr. Michele E. Shanahan
Dissertation title: *The Mediation Effect of Student Engagement on the Relationship between School Climate, Socioemotional Well-Being, and Academic Achievement: A Cross-Cultural Comparative Study of China, Korea, Finland, and the U.S.*
- 2015 - 2017 M.A. in in Educational Psychology and Quantitative Methods
SUNY University at Buffalo, Buffalo, NY
Thesis Committee: Dr. Sunha Kim (Advi), Dr. Michele E. Shanahan
Thesis title: *The influence of information and communication technology (ICT) on Chinese and Korean students' math achievement in PISA 2015*
- 2012 - 2015 B.A. in English (Translation)
Beijing University of Technology, Beijing, China

RESEARCH FOCUS/SPECIALTY

K-12 School Accountability; Social and Emotional Learning; Access and Equity;
Educational Technology; Psychometrics; Quantitative Research Methods; Large-scale Data

SKILLS & CERTIFICATIONS

SPSS, R, STATA, LISREL, HLM, ATLAS. Ti, NVivo, Winsteps, IDB Analyzer, AM
Statistical Software, Microsoft Package

Advanced Certificate of Applied Statistical Analysis

CASEL Webinar Certificate: Demystifying Systemic Social and Emotional Learning

EMPLOYMENT

- 2021 - present Postdoctoral Associate,
Learning Informatics Lab, University of Minnesota-Twin Cities
- 2021 Research Assistant
SEAS Experiential Learning, SUNY University at Buffalo
Project: Expectancy-value theory (EVT) and Undergraduate Engineering Students' Co-Curricular Engagement Pattern
- 2020 - 2021 Graduate Assistant/researcher
Graduate School of Education, SUNY University at Buffalo
Project: Academic and Sociocultural Readiness for Postgraduate Education among Immigrant and International Students: Promoting Equal Access and Success in Graduate/Professional Schools
- 2020 - 2021 Graduate Assistant/researcher
Graduate School of Education, SUNY University at Buffalo
Project: Reassessing School Effectiveness: Multi-objective Value-added Measures (MOVAM) of Academic and Socioemotional Learning

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- 2018 - present American Educational Research Association (AERA)
Division G - Social Context of Education
SIG 135 - Holistic Education
- 2020 - present American Psychological Association (APA)
- 2022 American Education Finance and Policy (AEFP)
- 2022 Comparative & International Education Society (CIES)
- 2022 Comparative & International Education Society (ACM)

GRANTS AND CONTRACTS

- 2022 - present Investigator Status: PI
(Co-PI: Dr. Bodong Chen)
Spencer Foundation Small Research Grants
Project: *The Impact of School-Wide Approaches to Social Emotional Learning on Low-income Immigrant Students: A Comparison of the U.S. and Finland*
Funded Amount: \$49,989
Status: Pending
- 2022 - 2024 Investigator Status: Quantitative Researcher
(PI: Dr. Siqu Li)

National Natural Science Foundation of China
Project: *Research on the Precise Distribution of Educational Resources under the Regional Economic, Social, and Cultural Status: Large-Data Analysis based on GIS*
Funded Amount: \$37,735

HONORS AND AWARDS

- 2021 University at Buffalo GSE Tuition Scholarship
Amount: \$3,852
- 2020 GSE Dean's Travel Award
Amount: \$1,000
- 2018 - 2019 GSE Dean's Scholarship for Educational Diversity and Excellence
Amount: \$10,000
- 2018 - 2019 Mary Lou and S. David Farr Scholarship
Amount: \$5,000

PUBLICATIONS

Manuscripts under Review

- Su, M.** & Lee, J. (in press). Eastern versus Western Gaps in Whole Child Education: How School Climate Works for Academic Achievement and Well-being across China, Korea, Finland, and the United States.
- Olewnik, A., Chang, Y., & **Su, M.** (in revision). Co-curricular Engagement Among Engineering Undergrads: Do They Have the Time and Motivation?
- Su, M.** (under review). Leaving Home, Living Abroad: Chinese International Students and their Multidimensional Engagement in High Education Institutions in the U.S.

Peer-Reviewed Journal Articles

- Lee, J., Kim, N., & **Su, M.** (2021). Immigrant and international college students' learning gaps: Improving academic and sociocultural readiness for career and graduate/professional education. *International Journal of Educational Research Open*, 2, 100047.
- Lee, J., Kim, T., & **Su, M.** (2021). Reassessing school effectiveness: Multi-objective value-added measures (MOVAM) of academic and socioemotional learning. *Studies in Educational Evaluation*, 68, 100972.

Conference Proceedings

- Su, M.**, Olson, L. A., Jarratt, D. C., Varma, S., Konstan, J. A., Keller, R., & Chen, B. (2022). Re-envisioning a K-12 early warning system with school climate factors.

In *Proceedings of the Ninth ACM Conference on Learning @ Scale*.

Book Chapters

- Lee, J., & Su, M. (2022). Re-envisioning American Education Reform: How and Why Whole Community Environment Matters for Whole Child Development. In J. Lee & K. Wong (Eds.), *Centering Whole-Child Development in Global Education Reform: International Perspectives on Agendas for Educational Equity and Quality*. Routledge.
- Yang, Y., Su, M., & Liu, R. (2022). Concepts and Applications of Multivariate Multilevel (MVML) Analysis and Multilevel Structural Equation Modeling (MLSEM). In M.S. Khine (Eds.), *Methodology for Multilevel Modeling in Educational Research: Concepts and Applications*. Springer, Singapore.

CONFERENCE PRESENTATIONS AND POSTERS

Invited Talks

- Su, M., (2020, May). *Re-envisioning the K-12 Early Warning System with School Climate/Socioemotional Factors*. An Invited Talk in the Development Meeting organized by Infinite Campus, Infinite Campus, Blaine, MN.

Contributed Papers Presented at Professional Meetings and Conferences

- Su, M. (2022, Aug 4 - 6). *The Causal Effect of School Climate on Whole-Child Development in Korea: A Propensity Score Analysis* [Poster session]. APA2022 Convention, Minneapolis, MN, United States.
- Su, M. (2022, Aug 4 - 6). *Taking a Whole Community Approach on Supporting U.S. Children's Socioemotional Learning on 2019 NSCH* [Poster session]. APA2022 Convention, Minneapolis, MN, United States.
- Su, M., Olson, L., Jarratt, D., Varma, S., Konstan, J., Keller, R., & Chen, B. (2022, June 1-3). *Re-envisioning a K-12 early warning system with school climate factors* [Poster session]. Ninth ACM Conference on Learning @ Scale, Roosevelt Island, NY, United States.
- Su, M. (2022, Apr 18 - 22). *Leaving Home, Living Abroad: Chinese International Students and their Engagement on American Campuses* [Poster session]. CIES Annual Conference, Minneapolis, MN, United States.
- Su, M. (2022, Mar 12 - 14). *Head or Heart? Revisioning School Accountability for Whole Child Development* [Poster session]. AEFPP Annual Conference, Denver, CO, United States.
- Su, M. & Kim, S. (2021, Aug 12 - 14). *Opportunity, Engagement to Learn, and*

Students Math Literacy: A Structural Model on PISA2012 [Poster session]. APA2021 Convention, United States.

Su, M. & Lee, J. (2021, Apr 9 - 12). *Whole Child Education: China, Korea, Finland, and the U.S. Students' Academic Achievement and Socioemotional Well-being* [Roundtable Session]. AERA Annual Meeting, United States.

Lee, J., Kim, N., & **Su, M.** (2021, Apr 9 - 12). *Do High-Impact Practices Work for College Success? Mixed-Methods Research on Academic and Sociocultural Learning Inequalities* [Roundtable Session]. AERA Annual Meeting, United States.

Su, M. (2020, Aug 6 - 8). *Stratification of High School Student Engagement, and the Transition to the Postsecondary Education: A Cox Regression Survival Analysis* [Poster]. APA2020 Convention, United States.

Su, M. (2020, Aug 6 - 8). *Digital Literacy and Academic Competencies: A Comparative Study of Chinese and Korean Students' Math Achievement* [Poster]. APA2020 Convention, United States.

Su, M. & Lee, J. (2020, Apr 17 - 21). *Smart and Happy Together? A Comparative Study of Korean Versus U.S. Students' Achievement and Well-Being* [Roundtable Session]. AERA Annual Meeting San Francisco, CA, United States. <http://tinyurl.com/r4vsw3p> (Conference Canceled)

Lee, J., Kim, N. & **Su, M.** (2020, Apr 17 - 21). *Immigrant and International College Students' Gaps: Academic and Sociocultural Readiness for Career and Graduate Education* [Roundtable Session]. AERA Annual Meeting San Francisco, CA, United States. <http://tinyurl.com/u9gm5t7> (Conference Canceled)

SERVICES

Journal ad-hoc reviewer

2020 - 2022 Studies in Educational Evaluation

2021 International Journal of Evaluation and Research in Education (IJERE)

2021 Heliyon

Department Service

2016 - 2017 Volunteer for GSE Symposium at University at Buffalo

TEACHING EXPERIENCE

SUNY University at Buffalo

CEP500 Fundamentals of Educational Research

CEP510 Psychometric Theory in Education