

XUMEI FAN

College of Education
University of South Carolina
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EDUCATION

Ph.D. Educational Psychology and Research, University of South Carolina
M.A. Applied Linguistics and Foreign Language Teaching, Shanxi University
B.A. English Language and Literature, Shanxi Normal University

PROFESSIONAL EXPERIENCE

2021 - Present Research Associate, University of South Carolina
2011 - 2020 Graduate Assistant, University of South Carolina
2010 - 2010 Visiting Scholar, University of South Carolina
2009 - 2020 Associate Professor, North University of China
2003 - 2009 Advanced Lecturer, North University of China
1998 - 2003 Assistant Professor, North University of China

PUBLICATIONS

- Fan, X.**, Linder, S., D'Amico, L. K., White, K. M., & Pawloski, T. (2021). Identifying the needs of prekindergarten children: A focus on health and wellbeing and family environment. *Early Childhood Education Journal*. [Accepted]
- Fan, X.**, Luchok, K., & Dozier, J. (2021). College students' satisfaction and sense of belonging: Differences between underrepresented groups and the majority groups. *SN Social Sciences*, *1(1)*, 1-22. <https://doi.org/10.1007/s43545-020-00026-0>
- Jiang, N., Rogers, B. D., **Fan, X.**, Hu, X., Lewis, A., & Cai, B. (2021). School-level factors related to visual arts achievement for 4th-graders: A longitudinal analysis. *Studies in Art Education*, *62(1)*, 47-62. <https://doi.org/10.1080/00393541.2020.1858263>
- Fan, X.**, Johnson, R., Liu, X., & Gao, R. (2020). College students' views of ethical issues in classroom assessment in Chinese higher education. *Studies in Higher Education*. <https://doi.org/10.1080/03075079.2020.1732908>
- Fan, X.**, Jiang, N., & Lewis, A. (2020). Factors associated with fourth graders' music knowledge assessed by SCAAP. *International Journal of Music Education*, *38(4)*, 644-656. <https://doi.org/10.1177/0255761420926664>
- Fan, X.**, Liu, X., & Johnson, R. L. (2020). A mixed method study of ethical issues in classroom assessment in Chinese higher education. *Asia Pacific Education Review*, *21*, 183-195. <https://doi.org/10.1007/s12564-019-09623-y>
- Fan, X.**, & Gao, R. (2020). Examining leadership style in higher education in the United States and China. In C. J. Kowalski, J. P., Cangemi, & A. A. Alqahtani (Eds.), *Leadership: in Education, Business, and Government* (pp. 114-123). Bloomington, IN: Xlibris.

- Fan, X.**, Pan, F., Dickenson, T. S., Kunz, G. M., & Hodges, T. E. (2020). School-level factors associated with teacher retention in South Carolina. *South Carolina Teacher Education Advancement Consortium through Higher Education Research (SC-TEACHER)*. Columbia, SC. <https://sc-teacher.org/school-level-factors-retention/>
- Dickenson, T. S., **Fan, X.**, Pan, F., Kunz, G. M., & Hodges, T. E. (2020). Profile of the South Carolina teacher workforce for 2018-2019. *South Carolina Teacher Education Advancement Consortium through Higher Education Research (SC-TEACHER)*. Columbia, SC. <https://sc-teacher.org/profile-of-sc-teacher-workforce/>
- Fan, X.**, Johnson, R., Liu, J., Zhang, X., Liu, X., & Zhang, T. (2019). A comparative study of pre-service teachers' views on ethical issues in classroom assessment in China and the United States. *Frontiers of Education in China*, 14 (2), 309-332. <https://doi.org/10.1007/s11516-019-0015-7>
- Lewis, A., Burgess, Y., & **Fan, X.** (2019). The South Carolina arts assessment program. In T. S. Brophy (Ed.), *Handbook on assessment policy and practice in music education* (Vol. 2) (pp. 281-304). New York, NY: Oxford University Press. <https://doi.org/10.1093/oxfordhb/9780190248130.013.50>
- Fan, X.**, & Gao, R. (2018). A comparative study of leadership style in higher education in the United States and China. *Psychology and Education*, 55(3-4), 38-45.
- Fan, X.**, Liu, J., Burgess, Y., & Li, B. (2018). A structural equation modeling analysis of Chinese undergraduate students' test anxiety. *Psychology and Education*, 55(2), 27-33.
- Liu, X., **Fan, X.**, & Johnson, R. (2018). Chinese college English teachers' perceptions about ethicality in classroom assessment. *Foreign Language Education*, 39(4), 65-69, 107. <https://doi.org/10.16362/j.cnki.cn61-1023/h.2018.04.012>
- Liu, X., **Fan, X.**, & Johnson, R. (2018). A study on the factors affecting university faculty's perceptions of ethical issues in college English classroom assessment. *Technology Enhanced Foreign Language Education*, 179, 76-80, 89.
- Fan, X.**, Johnson, R., & Liu, X. (2017). Chinese university professors' perceptions about ethical issues in classroom assessment practices. *New Waves: Educational Research & Development*, 20(2), 1-18.
- Spence, L. K., **Fan, X.**, Speece, L., & Bushaala, S. (2017). Generous reading expands teachers' perceptions on student learning. *Teaching and Teacher Education*, 66(2017), 96-106. <http://dx.doi.org/10.1016/j.tate.2017.03.017>
- Li, B., & **Fan, X.** (2016). Research on college students' test anxiety structure: A case study of North University of China. *Journal of North University of China (Social Science Edition)*, 32(4), 84-87. Doi: 10.3969/j.issn.1673-1646.2016.04.016
- Thompson, S. L., Lotter, C., **Fan, X.**, & Taylor, L. (2016). Enhancing elementary pre-service teachers' plant processes conceptions. *Journal of Science Teacher Education*, 27, 439-463. <http://dx.doi.org/10.1007/s10972-016-9469-0>
- Liu, J., Johnson, R., & **Fan, X.** (2016). A comparative study of Chinese and United States pre-service teachers' perceptions about ethical issues in classroom assessment. *Studies in Educational Evaluation*, 48, 56-66. <http://dx.doi.org/10.1016/j.stueduc.2016.01.002>

CONFERENCE PRESENTATIONS

- Fan, X.**, D'Amico, L., & Long, D. (2021). Implementation and impact of School Improvement Grants (SIG) in South Carolina. *American Educational Research Association (AERA)*. Virtual.
- Fan, X.**, Hardie, S., Liu, J., & Jiang, N. (2021). Teachers' decision rationales regarding educational assessment practices. *American Educational Research Association (AERA)*. Virtual.
- Dickenson, T. S., **Fan, X.**, Pan, F., Kunz, G. M., & Hodges, T. E. (2021). Teacher retention in South Carolina: Exploring school level factors. *American Educational Research Association (AERA)*. Virtual.
- D'Amico, L., Linder, S., & **Fan, X.** (2021). Understanding the landscape of early childhood through multiple stakeholders: A statewide examination of priorities. *American Educational Research Association (AERA)*. Virtual.
- Liu, J., Jiang, N., **Fan, X.**, & Hardie, S. (2021). A comparative mixed-methods study of in-service teachers' ethical judgment about student assessment practices. *American Educational Research Association (AERA)*. Virtual.
- Gao, R., & Liu, X., **Fan, X.** (2021). Factors associated with Chinese college students' perceptions of the ethicality of classroom assessment: A mixed methods study. *Eastern Educational Research Association (EERA)*. Virtual.
- Pan, F., Dickenson, T. S., Brown, K., **Fan, X.**, Kunz, G. M., & Hodges, T. E. (2021). The relationship between poverty and school performance in South Carolina. *American Educational Research Association (AERA)*. Virtual.
- Fan, X.**, Luchok, K., Dozier, J., Andrews, S., & Poon, J. (2020). Comparing faculty and staff perceptions of campus climate for diversity. *American Educational Research Association (AERA)*. Virtual.
- Fan, X.**, Dozier, J., Luchok, K., Andrews, S., & Poon, J. (2020). Adapting and mingling: International college students' perceptions of campus climate for diversity. *South Carolina Educators for the Practical Use of Research (SCEPUR)*, Columbia, SC.
- D'Amico, L., **Fan, X.**, & Linder, S. (2020). Conducting high-quality, multifaceted needs assessments with the intent of shaping program development, implementation, and evaluation. *American Evaluation Association (AEA)*. Virtual.
- Liu, J., & **Fan, X.** (2020). A comparative study of in-service teachers' perceptions about ethics issues in classroom assessment. *Association for Educational Communication & Technology (AECT)*. Virtual.
- Luchok, K., Robinson, L., **Fan, X.**, Bubier, I., Aplin, Z., & Christenbury, S. (2020). Evaluating a program to increase reproductive health literacy among teens in the SC foster care system. *Carolina Women's Health Research Forum*. Columbia, SC.
- Fan, X.**, D'Amico, L., & Toal-Mandsager, L. (2019). Examining the Teaching Standards 4.0 observational rubric in teacher evaluation: Perceptions and scoring. *American Educational Research Association (AERA)*, Toronto, Canada.
- Fan, X.**, Johnson, R., Liu, X., & Gao, R. (2019). Chinese college students' perceptions of ethical issues in classroom assessment. *American Educational Research Association (AERA)*, Toronto, Canada.
- Fan, X.**, D'Amico, L., & Long, D. (2019). Evaluating School Improvement Grants: Student outcomes, school climate, and teacher and administrator perceptions.

- South Carolina Educators for the Practical Use of Research (SCEPUR)*,
Columbia, SC.
- Gao, R., **Fan, X.**, Johnson, R., & Liu, X. (2019). The impact of students' demographic characteristics on their perceptions of ethical issues in classroom assessment. *Chinese American Educational Research & Development Association (CAERDA)*, Toronto, Canada.
- Luchok, K., Robinson, L., **Fan, X.**, Bubier, I., Aplin, Z. J., & Christenbury, S. (2019). Creating the healthiest nation by helping teens in foster care control of their reproductive health destinies. *American Public Health Association (APHA)*, Philadelphia, PA.
- Luchok, K., Robinson, L., **Fan, X.**, Bubier, I., Aplin, Z. J., & Christenbury, S. (2019). Results of an innovative sex education program for teens in the foster care system. *CityMatCH Leadership*, Providence, RI.
- Fan, X.**, Luchok, K., & Dozier, J. (2018). Undergraduate students' perceptions of campus climate: A sense of belonging as a predictor of satisfaction. *American Educational Research Association (AERA)*, New York, NY.
- Fan, X.**, D'Amico, L. K., & Grohn, H. B. (2018). Educator perceptions of Student Learning Objectives in evaluating teacher effectiveness. *American Educational Research Association (AERA)*, New York, NY.
- Fan, X.**, Andrews, S., Poon, J., & Luchok, K. (2018). Factors contributing to faculty satisfaction: A campus climate study. *Association for Institutional Research (AIR)*, Orlando, FL.
- Fan, X.**, Andrews, S., Poon, J., & Luchok, K. (2018). Staff perceptions of campus climate for diversity. *South Carolina Association for Institutional Research (SCAIR)*, Columbia, SC.
- Liu, J., Johnson, R., & **Fan, X.** (2018). Ethics issues in classroom assessment: A comparison of assessment experts' and educators' perspective. *American Educational Research Association (AERA)*, New York, NY.
- Luchok, K., Robinson, L., & **Fan, X.** (2018). Sticky messages that promote connection, communication, and contraception for vulnerable youth. *American Public Health Association (APHA)*, San Diego, CA.
- Leighton, E., **Fan, X.**, Jiang, N., & Lewis, A. (2017). Using Item Response Theory (IRT) to investigate assessment quality in a large-scale music assessment program. *International Symposium on Assessment in Music Education (ISAME 6)*. Birmingham City University in Birmingham, England, UK.
- Moon, A., **Fan, X.**, Cain, J., & D'Amico, L. (2017). Using multiple measures to evaluate program effectiveness: Implications of results across three standardized literacy assessments. *American Evaluation Association (AEA)*, Washington, D.C.
- Poon, J., **Fan, X.**, & Andrews, S. (2017). Campus climate survey data: A deep dive using Tableau analytics. *Southern Association for Institutional Research (SAIR)*, Fortworth, TX.
- Fan, X.**, Lewis, A. & Moon, A. (2016). Examining the scoring procedures of performance tasks across a variety of content areas and rubrics. *American Evaluation Association (AEA)*, Atlanta, GA.

- Fan, X.**, Johnson, R., & Liu, X. (2016). Chinese university professors' perceptions about ethical issues in classroom assessment practices. *American Evaluation Association (AEA)*, Atlanta, GA.
- Fan, X.**, Lewis, A., Guo, Z., Moon, A. (2016). Using HLM to explore the factors that impact fourth graders' music achievement. *South Carolina Educators for the Practical Use of Research (SCEPUR)*, Columbia, SC.
- D'Amico, L., Renade, N., **Fan, X.**, & Gaines, S. M. (2016). Evaluation of the learning bridge dual literacy programs: Project Summer Stride and Here Comes Kindergarten. *South Carolina Educators for the Practical Use of Research (SCEPUR)*, Columbia, SC.
- Burgess, Y., Ene, M., Leighton, E., Lewis, A., Zhang, X., **Fan, X.**, & Jiang, N. (2016). Examination of Item Quality in a State-Wide Music Assessment Program Using Rasch Methodology. *South Carolina Educators for the Practical Use of Research (SCEPUR)*, Columbia, SC.
- Fan, X.**, Burgess, Y., & Liu, J. (2015). A Confirmatory Factor Analysis of Test Analysis in Chinese College Students. *South Carolina Educators for the Practical Use of Research (SCEPUR)*, Columbia, SC.
- Burgess, Y., Lewis, A., Zhang, X., **Fan, X.**, & Jiang, N. (2015). Validity and Reliability: An Arts Assessment Story. *South Carolina Educators for the Practical Use of Research (SCEPUR)*, Columbia, SC.
- Liu, J., Johnson, R., & **Fan, X.** (2014). A Comparative Study of Pre-service Teachers' Perceptions about Ethics in Classroom Assessment. *American Educational Research Association (AERA)*. Philadelphia, PA.
- Spence, L., Boushaala, S., **Fan, X.**, & Speece, L. (2013). Writing Assessment and Instruction for Culturally and Linguistically Diverse students. *National Association of Bilingual Educators (NABE) 42nd*. Orlando, FL.
- Fan, X.** & Liu, J. (2013). Identity Construction and Chinese Heritage Language Teaching and Learning. *Southeastern Association of Educational Studies (SEAED) 16th*. Chapel Hill, NC.
- Liu, J. & **Fan, X.** (2013). Statistical Power in Meta-analysis. *Southeastern Association of Educational Studies (SEAED) 16th*. Chapel Hill, NC.

TECHNICAL AND EVALUATION REPORTS

- Fan, X.**, & D'Amico, L. K. (2021). *South Carolina School Improvement Grants Cohorts 3 and 4 Year 4 Evaluation Report*. Columbia: University of South Carolina, Research, Evaluation, and Measurement Center (REM).
- Crooks-Monastra, J., D'Amico, L. K., & **Fan, X.** (2021). *University of South Carolina Science and Mathematics Teachers Initiative: Phase 2 Year 4 Evaluation Report*. Columbia: University of South Carolina, Research, Evaluation, and Measurement Center (REM).
- Fan, X.** (2020). *University of South Carolina Academics Student Survey Report*. Columbia: University of South Carolina.
- Fan, X.** (2020). *University of South Carolina Academics Faculty Survey Report*. Columbia: University of South Carolina.

- Fan, X.** (2020). *Educators' Views of Using Student Learning Objectives (SLOs) in the Evaluation of Teacher Effectiveness (Richland School District Two)*. Columbia: University of South Carolina.
- Fan, X.** (2020). *Educators' Views of Using Student Learning Objectives (SLOs) in the Evaluation of Teacher Effectiveness (Florence County School District Three)*. Columbia: University of South Carolina.
- Fan, X.** (2020). *Educators' Views of Using Student Learning Objectives (SLOs) in the Evaluation of Teacher Effectiveness (Clover School District)*. Columbia: University of South Carolina.
- D'Amico, L. K., **Fan, X.**, & Olejarczyk, J. (2020). *South Carolina School Improvement Grants Cohorts 3 and 4 Year 3 Evaluation Report*. Columbia: University of South Carolina, Research, Evaluation, and Measurement Center (REM).
- D'Amico, L. K., West, H., & **Fan, X.** (2020). *University of South Carolina Transition to Teaching Program Year 1 Evaluation Report*. Columbia: University of South Carolina, Research, Evaluation, and Measurement Center (REM).
- D'Amico, L. K., Crooks-Monastra, J., **Fan, X.**, & Zhang, X. (2020). *University of South Carolina Science and Mathematics Teachers Initiative: Phase 2 Year 3 Evaluation Report*. Columbia: University of South Carolina, Research, Evaluation, and Measurement Center (REM).
- D'Amico, L. K., West, H., Hall, A., & **Fan, X.** (2020). *South Carolina Community Block Grants Evaluation Report 2018-2019*. Columbia: University of South Carolina, Research, Evaluation, and Measurement Center (REM).
- D'Amico, L. K., **Fan, X.**, Cain, J.M., & Grohn, H. (2019). *South Carolina School Improvement Grants Cohorts 3 and 4 Year 2 Evaluation Report*. Columbia: University of South Carolina, Research, Evaluation, and Measurement Center (REM).
- D'Amico, L. K., Crooks-Monastra, J., & **Fan, X.** (2019). *Developing Master Teachers: University of South Carolina Science and Mathematics Teachers Leaders Program Year 5 Report*. Columbia: University of South Carolina, Research, Evaluation, and Measurement Center (REM).
- D'Amico, L. K., Linder, S., & **Fan, X.** (2019). *South Carolina Community Block Grants Evaluation Report (South Carolina CBG: Awarded 2017-2018)*. Columbia: University of South Carolina, Research, Evaluation, and Measurement Center (REM). Retrieved from: <https://dc.statelibrary.sc.gov/handle/10827/33265>
- D'Amico, L. K., Crooks-Monastra, J., & **Fan, X.** (2019). *University of South Carolina Science and Mathematics Teachers Initiative: Phase 2 Year 2 Evaluation Report*. Columbia: University of South Carolina, Research, Evaluation, and Measurement Center (REM).
- Fan, X.** (2018). *University of South Carolina Campus Climate Survey Report (Faculty and Staff)*. Office of Diversity and Inclusion, USC.
- Fan, X.** (2018). *University of South Carolina Campus Climate Survey Report (Students)*. Office of Diversity and Inclusion, USC.
- D'Amico, L. K., **Fan, X.**, & Grohn, H. B. (2018). *South Carolina Educator Effectiveness: 2016-2018 Expanded ADEPT Evaluation Report*. Columbia: University of South Carolina, Research, Evaluation, and Measurement Center (REM).

- D'Amico, L. K., Cain, J. M., **Fan, X.**, Grohn, H., Moon, A., & Martin, C. (2018). *South Carolina School Improvement Grants Cohorts 3 and 4 Year 1 Evaluation Report*. Columbia: University of South Carolina, Research, Evaluation, and Measurement Center (REM).
- Cain, J. M., D'Amico, L. K., Moon, A., & **Fan, X.** (2018). *The Learning Bridge: Project Summer Stride and Here Comes Kindergarten Richland Library Year 4 Evaluation Report*. Columbia: University of South Carolina, Research, Evaluation, and Measurement Center (REM).
- D'Amico, L. K., **Fan, X.**, & Grohn, H. (2017). *South Carolina Educator Effectiveness 2016-2017 Evaluation Report*. Columbia: University of South Carolina, Research, Evaluation, and Measurement Center (REM).
- D'Amico, L. K., Cain, J. M., Moon, A., **Fan, X.**, & Prince, G. (2017). *The Learning Bridge 2016-17 Evaluation Report (Richland Library)*. Columbia: University of South Carolina, Research, Office of Program Evaluation.
- Luchok, K., & **Fan, X.** (2016). *USC Undergraduate PULSE Survey 2016*. Office of Diversity and Inclusion, USC.
- Lewis, A., Zhang, X., Jiang, N., **Fan, X.**, Smith, Z., & Burgess, Y. (2016). *South Carolina Arts Assessment Program 2016: Technical Report Prepared for the South Carolina Department of Education*. Columbia: University of South Carolina, Office of Program Evaluation.
- Ranade, N., D'Amico, L. K., Prince, G., Moon, A., **Fan, X.**, & Miller, K.M. (2016). *The Learning Bridge 2015-16 Evaluation Report (Richland Library)*. Columbia: University of South Carolina, Office of Program Evaluation.
- Grohn, H. B., D'Amico, L. K., Prince, G., Moon, A., & **Fan, X.**, (2016). *South Carolina Creating High-Quality Academic Reform through Effective Resources (CHARTER) evaluation report (2010-2016)*. Prepared for South Carolina Department of Education and US Department of Education. Columbia: University of South Carolina, Office of Program Evaluation.
- Dickenson, T. S., **Fan, X.**, Burgess, Y., Lewis, A., & Ranade, N. (2015). *Evaluation of the Charleston Promise Neighborhood Initiative for 2013-2014: Summary Report*. Columbia: University of South Carolina, Office of Program Evaluation.
- Lewis, A., Zhang, X., Burgess, Y., Jiang, N., **Fan, X.**, & Habing, B. (2015). *South Carolina Arts Assessment Program 2015: Technical Report Prepared for the South Carolina Department of Education*. Columbia: University of South Carolina, Office of Program Evaluation.
- Lewis, A., Jiang, N., Burgess, Y., Zhang, X., **Fan, X.**, Moon, A., & Blue, G. (2015). *Science Teaching Enhancement Project (STEP) Annual Evaluation Report: Year 2*. Columbia: University of South Carolina, Office of Program Evaluation.
- D'Amico, L. K., Miller, K.M., Blue, G., **Fan, X.**, Dickenson, T. S., & Eagle, M.P. (2014). *South Carolina Department of Education Educator Evaluation Pilot Project: Observational Rubric Technical Report*. Columbia: University of South Carolina, Office of Program Evaluation.
- Lewis, A., Blue, G., Burgess, Y., **Fan, X.**, Jiang, N., & Zhang, X. (2014). *Science Teaching Enhancement Project (STEP) Annual Evaluation Report: Year 1*. Columbia: University of South Carolina, Office of Program Evaluation.

Dickenson, T. S., Lewis, A., Eagle, M. P., Bailey, J., Zhang, X., **Fan, X.**, Rogers, B., & Grohn, H. B. (2014). *Evaluation of the SC Gateways Project: Year 4 Report*. Columbia: University of South Carolina, Office of Program Evaluation.

RESEARCH GRANTS

D'Amico, L. K., & **Fan, X.** (Co-PI) (2021). *Child and Adult Care Food Program (CACFD) Focus Group Evaluation (152900-21-57697)*, South Carolina Department of Health and Environmental Control, South Carolina Department of Social Services. \$9,868, funded.

TEACHING EXPERIENCE

University of South Carolina (2011 - 2021)

EDRM 723 Classroom Assessment Methods (Instructor)

EDRM 423 Introduction to Classroom Assessment (Instructor)

EDRM 724 Survey Design ((Co-Instructor)

EDRM 700 Introduction to Educational Research (Teaching Assistant)

North University of China (1998 - 2011)

English Linguistics (Instructor)

Advance English Reading (Instructor)

Academic Paper Writing (Instructor)

English History and Culture (Instructor)

Comprehensive English (Instructor)

English Grammar (Instructor)

College English (Instructor)

COMPUTER SOFTWARE

Statistical Software: SPSS, R, RQDA, HLM, BILOG

General: Microsoft Word, Excel, Power Point

PROFESSIONAL AFFILIATIONS

American Educational Research Association