

Qualifications

Educational Technology, Ph.D, The Ohio State University
2011 → 2015

Applied Statistics, Master, The Ohio State University
2012 → 2013

Cultural Foundations, Technology, Qualitative Inquiry, Master, The Ohio State University
2008 → 2009

Business English and Interpretation, Bachelor, Xi'an International Studies University
2004 → 2008

Employment

Assistant Professor

Department of Design, Media and Educational Science

1. Sept 2023 → 21. Apr 2024

Publications

The mediating role of learner empowerment in the relationship between the community of inquiry and online learning outcomes

Sun, Z. & Yang, Y., Jun 2023, In: Internet and Higher Education. 58, 14 p., 100911.

Assessing negotiation skill and its development in an online collaborative simulation game: a social network analysis study

Sun, Z. & Theussen, A., Jan 2023, In: British Journal of Educational Technology. 54, 1, p. 222-246

An exact algorithm for group formation to promote collaborative learning

Sun, Z. & Chiarandini, M., 12. Apr 2021, *LAK 2021 Conference Proceedings - The Impact we Make: The Contributions of Learning Analytics to Learning, 11th International Conference on Learning Analytics and Knowledge*. Association for Computing Machinery, p. 546-552

How do students prepare in the pre-class setting of a flipped undergraduate math course? A latent profile analysis of learning behavior and the impact of achievement goals

Sun, Z. & Xie, K., Jul 2020, In: Internet and Higher Education. 46, 13 p., 100731.

Self-regulation as a function of perceived leadership and cohesion in small group online collaborative learning

Xie, K., Hensley, L. C., Law, V. & Sun, Z., 1. Jan 2019, In: British Journal of Educational Technology. 50, 1, p. 456-468

The role of self-regulated learning in students' success in flipped undergraduate math courses

Sun, Z., Xie, K. & Anderman, L., 1. Jan 2018, In: The Internet and Higher Education. 36, 1, p. 41-53

Flipping STEM

Williams, A. H., Sun, Z., Xie, K., Garcia, E., Ashby, I., Exter, M., Largent, D., Lu, P., Szafron, D., Ahmed, S., Smith, J., T. Tempelaar, D., Bitting, K. S., Christensen, E., Tseng, H. & Walsh, J., 2017, *The flipped college classroom: Conceptualized and re-conceptualized*. Green, S., Banas, L., R. Perkins, J. & Perkins, R. (eds.). Springer, p. 149-186 (Educational Communications and Technology: Issues and Innovations).

The Effects of Self-Regulated Learning on Students' Performance Trajectory in the Flipped Math Classroom

Sun, Z., Lu, L. & Xie, K., 2016, *Transforming Learning, Empowering Learners: Conference Proceedings*. Looi, C-K., Polman, J., Cress, U. & Reimann, P. (eds.). Singapore: International Society of the Learning Sciences, Vol. 1. p. 66-73

Prizes

Loadman Outstanding Dissertation Award

Sun, Zhiru (Recipient), 2016

