

Yue Ma, Ph.D.

Assistant Professor
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Education

2017-2021	Columbia University	Ph.D. in Measurement and Evaluation
2014-2017	Beijing Normal University	M.A. in Measurement and Evaluation
2010-2014	Beijing Normal University	B.A. in Education Management
2015	University of North Carolina at Greensboro	Exchange Student

Work Experiences

Assistant Professor, Shanghai Jiao Tong University, Shanghai	2021-Present
Graduate Researcher, Center for Technology and School Change at Columbia University, New York, USA	2019-2021

Selected Publications

Ma, Y., & Qin, X. Y. (2021). Measurement invariance of information, communication and technology (ICT) engagement and its relationship with student academic literacy: Evidence from PISA 2018. *Studies in Educational Evaluation*, 68, 100982.

Ma, Y. & Corter, J. E. (2019). The effect of manipulating group task orientation and support for innovation on collaborative creativity in an educational setting. *Thinking Skills and Creativity*, 33, 100587.

Ma, Y. & Wei, X. (2017). A structural model of collaborative creativity in science for middle school students. *Journal of Shanghai Educational Research*, 10, 21-26 (*In Chinese*).

Ma, Y. & Wei, X. (2016). Booklet design in international large-scale assessment programs. *Educational Measurement and Evaluation*, 07, 15-19 (*In Chinese*).

Chaired and Cooperative Projects

Assessing students' collaborative probability problem solving ability using performance assessment: Development and use of a scoring rubric, *Dean's Grant at Teachers College, Columbia University, 2020-2021*, PI: Yue Ma

Teachley problem solving assessment: Supporting teachers to assess and promote students' mathematical thinking, *Institute of Education Sciences, USA, 2019-2021*, Main participant: Yue Ma

Systematic transformation of inquiry learning environment, *National Science Foundation, USA, 2019-2021*, Participant: Yue Ma

Selected Presentations

Ma, Y. & Ma, H. Profiles of Hong Kong student science attitudes and its associations with gender and science achievements. *American Educational Research Association, Virtual, April 8-12, 2021*.

Meier, E.B., Mineo, C. M., Diaz Yanez, K. G., Du, X., & **Ma, Y.** *Educational responsibility for addressing complex problems: STEM research with underserved schools. American Educational Research Association, Virtual, April 8-12, 2021*.

Winsor, S., Marcus, J., **Ma, Y.**, & Donnelly, K. Z. *The feasibility, acceptability, and effectiveness of the LoveYourBrain Yoga program on caregivers of people with traumatic brain injury. Symposium on Yoga Research, Virtual, October 19-20, 2020*.

Qin, X. Y. & **Ma, Y.** Are China's results hard to believe? A comparison of migrant and local students' mathematics performance in PISA 2018. *American Educational Research Association, Virtual, April 8-12, 2021*.

Honors and Scholarship

2017-2020 Teachers College, Columbia University, Ph.D. Scholarship

2018-2021 Teachers College, Columbia University, International Student Scholarship

Academic Services

Anonymous reviewer for Social Education Research