

QIYANG ZHANG

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ACADEMIC APPOINTMENT

Singapore Management University, Singapore *May 2026 - Present*
Assistant Professor (Tenure Track) in Learning Analytics, College of Integrative Studies

National University of Singapore, Singapore *January 2026 - July 2026*
Affiliate Member at the Centre for Holistic Initiatives for Learning and Development (CHILD)

Duke-NUS Medical School, Singapore *September 2025 - May 2026*
Assistant Professor (Education Track), Education Advancement Department

National University of Singapore, Singapore *June 2024 - September 2025*
Research Fellow at the Centre for Holistic Initiatives for Learning and Development (CHILD)

EDUCATION

Johns Hopkins University, Baltimore, MD *August 2020 - May 2024*
Ph.D. in Educational Studies

Dissertation: Wired Generations: Navigating Social Connections and Parental Perspectives in Adolescents' Social Media Usage

Advisor and Committee Chair: Dr. Hunter Gehlbach

Committee Members: Dr.Amanda Neitzel, Dr.Lieny Jeon, Dr.Joseph Bayer, Dr.Alan Cheung

University of Pennsylvania, Philadelphia, PA *August 2019 - July 2020*
M.S.Ed. in Education Policy

National University of Singapore, Singapore *August 2015 - June 2019*
B.E. in Industrial Systems Engineering and B.A. in Economics, with Honors and Distinction

RESEARCH INTERESTS

- AI chatbot for mental health
- Adolescents' social media use
- Meta-analysis and systematic review
- Mental health interventions

PUBLICATIONS [*# = corresponding author; * = equal contribution*]

PEER-REVIEWED JOURNAL ARTICLES

1. **Zhang, Q.*#**, Zhang, R., & Liu, N.(in press). How AI companions could deepen social inequality. *Nature Human Behavior*. (IF = 20.50)
2. Yuan Sui, **Zhang, Q.*#**, Fangfang Cai, & Yujia Yang. (under revision). Social media-based interventions for youth mental health: A meta-analysis of randomized controlled trials. *Computers in Human Behavior Reports*. (IF = 5.50)
3. **Zhang, Q.*#** & Gehlbach, H. (under revision). Persuasive parallelism: Nudging parents' understanding of children's social media privacy needs through an analogical social perspective taking strategy. *Computers in Human Behavior Reports*. (IF = 5.50)

4. **Zhang, Q.[#]**, Wang, X., Tian, XR., & Gehlbach, H. (conditional acceptance). Social support at your fingertips: A meta-analysis of students' social media usage and social support. *Review of Educational Research*. (IF = 16.40)
5. **Zhang, Q.[#]**, Lee, J., Cheung, H., Chen, G., Lin, F., Sui, Y., Huang, Z., & Ang, R. (under revision). Bidirectional relationships between cyberbullying victimization and internalizing symptoms in Asian children: A meta-analysis of longitudinal studies.
6. **Zhang, Q.[#]**, Xiong, Y., Sui, Y., Tong, C., & Zhang, R. (2026). Chatbots for children and adolescents: A meta-analysis of chatbots for mental health issues and psychosocial well-being outcomes. *Adolescent Research Review*. [DOI] (IF = 8.1)
7. Chandrasekaran, M., **Zhang, Q.**, Natarajan, P., Ramkumar, A., Chong, S.C., Kembhavi, G., McLeod, B., McCrickerd, K., Chow, J., & Fogel, A. (2026). Interventions to reduce screen time in preschool-aged children: A systematic review and meta-analysis of randomized controlled trials. *Obesity Review*. (IF = 7.40) [DOI]
8. **Zhang, Q.[#]**, Li, L., Sui, Y., Lin, F., & Huang, Z. (2025). Healing online or onsite? A meta-analysis of online mental health RCTs and a comparison with in-person RCTs among children and adolescents. *Adolescent Research Review*. [DOI] (IF = 8.1)
9. **Zhang, Q.[#]**, Zhang, R., Xiong, Y., Sui, Y., Tong, C., & Lin, F. (2025). Generative AI mental health chatbots as therapeutic tools: A systematic review and meta-analysis of their role in minimizing mental health issues. *Journal of Medical Internet Research*. [DOI] (IF = 7.4)
10. **Zhang, Q.[#]**, Huang, Z., Sui, Y., Lin, F., Guan, H., Li, L., Wang, K., & Amanda J. Neitzel (2025). Social-media-based mental health interventions: A meta-analysis of randomized controlled trials. *Journal of Medical Internet Research*. [DOI] (IF = 7.4)
11. Xiong, Y., Tang, H., Sui, Y., & **Zhang, Q.** (2025). English-as-an-additional-language counselor trainees' professional identity: The relationship with their language proficiency, foreign language anxiety, and acculturation. *Journal of Counseling and Development*. [DOI] (IF = 2.98)
12. Wang, X., **Zhang, Q.**, Davis, M. (2025). Positive teacher feedback and adolescents' reading self-efficacy: A quasi-experimental analysis using PISA 2018. *Large Scale Assessments in Education* [DOI] (IF = 3.80)
13. Lee, J., Choo, H., Zhang, Y., Cheung, H., **Zhang, Q.**, & Ang, R. (2025). Cyberbullying victimization and mental health symptoms among children and adolescents: A meta-analysis of longitudinal studies. *Trauma, Violence, & Abuse*. [DOI] (IF = 10.05)
14. **Zhang, Q.[#]**, Pellegrini, M., Marsili, F., & Neitzel, A. (2024). Investigating systematic reviewers' practices: A survey on handsearching, citation chasing, and screening tool adoption in education. *Frontiers in Research Metrics and Analytics* [DOI]
15. Xiong, Y., **Zhang, Q.**, Zhao, L., Liu, S., Guan, H., Sui, Y., Feng, J., & Lee, K. (2024). A meta-analysis and structural review of foreign language anxiety interventions. *Journal of Language and Social Psychology*. [DOI] (IF = 2.70)
16. Wang, X., **Zhang, Q.**, Chen, H., & Neitzel, A. (2024). The effects of language learning strategy instruction on college students' English achievement and learner autonomy in mainland China: A meta-analysis. *International Journal of Educational Research*. [DOI] (IF = 1.98)

17. Storey, N., & **Zhang, Q.**[#] (2024). A meta-analysis of the impact of COVID-19 on student achievement. *Educational Research Review*. [\[DOI\]](#) (IF: 12.85, citations = 49)
18. **Zhang, Q.**[#] (2023). Harnessing the power of technology: A systematic analysis of challenges, theoretical frameworks, and practical recommendations for K-12 online learning. *SN Social Sciences*. [\[DOI\]](#) (IF: 0.3)
19. Renbarger, R., Adelson, J. L., Rosenberg, J. M., Stegenga, S., Lowrey, O., Buckley, P. R., & **Zhang, Q.** (2023). Champions of open science in education: What journal reviewers can do to encourage open science practices. *Gifted Child Quarterly*. [\[DOI\]](#) (IF: 3.49, citations = 3)
20. **Zhang, Q.**[#], & Neitzel, A. J. (2023). Choosing the right tool for the job: Screening tools for systematic reviews in education. *Journal of Research on Educational Effectiveness*. [\[DOI\]](#) (IF: 2.27, citations = 3) (JREE outstanding article award 2023)
21. **Zhang, Q.**[#], Xiong, Y., Prasath, P., & Byun, S. (2023). The relationship between international students' perceived discrimination and self-reported overall health during COVID-19: Indirect associations through positive emotions and perceived social support. *Journal of International Students*. [\[DOI\]](#) (IF: 2.23, citations = 2)
22. Prasath, P., Xiong, Y., & **Zhang, Q.** (2023). A practical guide to implementing the mindfulness-based well-being group for international students (MBWIS). *Journal of Humanistic Counseling*. [\[DOI\]](#) (IF: 0.89, citations = 1)
23. Xiong, Y., Prasath, P., **Zhang, Q.**, Jeon, L., & Pillay, Y. (2023). A phenomenological study of group facilitators' experiences: a mindfulness-based wellbeing group for international students during the COVID-19 pandemic. *Journal for Specialists in Group Work*. [\[DOI\]](#) (IF: 1.02, citations = 19)
24. **Zhang, Q.**[#], Wang, J., & Neitzel A. (2023). School-based mental health interventions targeting depression or anxiety: A meta-analysis of rigorous randomized controlled trials for youth and adolescents. *Journal of Youth and Adolescence*. [\[DOI\]](#) (IF: 5.45, citation = 98)
25. **Zhang, Q.**^{*#}, & Pallath, A. (2022) Paperfetcher: A tool to automate handsearching and citation searching in systematic reviews. *Research Synthesis Methods*. [\[DOI\]](#) (IF: 10.36, citations = 11)
26. Prasath, P., Xiong, Y., **Zhang, Q.**, & Jeon, L. (2022). Psychological capital, wellbeing, and distress of international college students. *International Journal for the Advancement of Counseling*. [\[DOI\]](#) (IF: 1.91, citations = 14)
27. Prasath, P., Xiong, Y., **Zhang, Q.**, & Jeon, L. (2022). Self-efficacy development of graduate student leaders in facilitating group for international students. *International Journal of Group Psychotherapy*. [\[DOI\]](#) (IF: 0.98, citations = 7)
28. Xiong, Y., Prasath, P., **Zhang, Q.**, & Jeon, L. (2022). International students' perceived discrimination and psychological distress during the COVID-19 Pandemic. *Journal of American College Health*. [\[DOI\]](#) (IF: 2.60, citations = 32)
29. Xiong, Y., Prasath, P., **Zhang, Q.** & Jeon, L. (2022). A mindfulness-based wellbeing group for international students: A pilot study. *Journal of Counseling and Development*. [\[DOI\]](#) (IF: 2.98, citations = 19)

30. **Zhang, Q.[#]**, & Storey, N. (2022). Controversies behind COVID learning loss: Historical issues, current measurements, and future strategies. *Theory into Practice*, 61:3, 300-311 [DOI] (IF: 3.49, citations = 13)
31. **Zhang, Q.[#]** (2021). The cost of illiteracy: A causal inference study on how illiteracy affects physical and mental health. *Health Education Journal*. [DOI] (IF: 1.63, citations = 14)

BOOK CHAPTERS

Lee, J., **Zhang, Q.**, Cheung, H., & Ang, R. (2025). Singapore. *Book chapter in Bullying of Children and Adolescents: A Global Perspective*. [DOI]

BOOK REVIEWS

Zhang, Q.[#] & Mittal, S. (2021). Book review of international mobility and educational desire: Chinese foreign talent students in Singapore by Peidong Yang. *Perspectives on Urban Education Journal* (Spring Issue, Volume 18, Issue 2)

SELECTED OP-ED

1. Gehlbach, H., **Zhang, Q.** & Cornwall, K. (2023, September 2) Scientific storytelling for the current climate. [Psychological Science](#).
2. Ozyonum, E. & **Zhang, Q.** (2021, December 22) Amid COVID-19 stressors, international students and their university communities should prioritize mental health support. [The Conversation](#).
3. Storey, N., & **Zhang, Q.** (2021, October 4) Younger students were among those most hurt during the pandemic. [Hechinger Report](#).

GRANTS

SMU Start-up Research Grant	2026
Principal Investigator	
 AERA Division H Graduate Student Research Grant	2023
Principal Investigator	
Dissertation project "Stepping into Adolescents' Digital Shoes: An Intervention for Parental Understanding in Social Media Monitoring"	

SCHOLARSHIPS AND AWARDS

JREE Outstanding Article Award	2023
Johns Hopkins Ph.D. in Education Research Methods Fellowship	2020-2024
APA Division 15 Claire Ellen Weinstein Doctoral Student Fellowship	2022
Meta-Analysis Training Institute Trainee Fellowship	2022
Penn M.S.Ed. Merit Scholarship (US\$10,000)	2019
Peking University Summer School Scholarship	2018
NUS Bachelor Degree Science&Technology Scholarship (S\$400,000)	2015

SELECTED CONFERENCE PRESENTATIONS

[# = presenting author]

1. **Zhang, Q.#**, Koh, N., Pauzi, N., Chow, J., Kembhavi-Tam, G., & McCrickerd, K. (2025). *A scoping review of migrant domestic workers and their role in child developmental outcomes*. [Poster]. NUS Medicine Research Week, Singapore.
2. **Zhang, Q.#**, Tong, C., Sui, Y., Lin, F., & Xiong, Y. (2025) *AI Chatbots as Therapeutic Tools: Meta-Analysis of their Role in Mitigating Depression, Anxiety, and Stress* [Roundtable]. American Educational Research Association, Denver
3. **Zhang, Q.#** Pellegrini, M., Marsili, F., & Neitzel, A. (2024, August). *How to help educational researchers choose the right screening tools?* [Symposium]. American Psychological Association Convention, Seattle, WA, United States.
4. **Zhang, Q.#**, Wang, X., Tian, XR., & Gehlbach, H. (2024, April). *Social Support at Your Fingertips: Exploring the Correlation between Students' Social Media Usage and Social Support through Meta-Analysis*. [Paper]. American Educational Research Association, Philadelphia
5. **Zhang, Q.#** & Pallath, A. (2023, March). *Empowering Systematic Reviews with the R Version of Paperfetcher: Effortless Handsearching and Citation Searching at Your Fingertips* [Video]. ESMARConf2023.
6. **Zhang, Q.#**, Xiong, Y., Prasath, P., & Byun, S. (2022, August). *The relationship between international students' perceived discrimination and overall health: A mediation analysis*. [Poster]. Annual meeting of the American Psychological Association Convention, Minneapolis
7. **Zhang, Q.#**, Arcot, R. R., Chuter, C., Cornwall, K.J., Mu, N., Nehring, L.D., Robinson, C.D., & Gehlbach, H. (2022, August). *Is a picture worth a thousand words for educational and psychological outcomes?* [Poster]. Annual meeting of the American Psychological Association Convention, Minneapolis
8. **Zhang, Q. #** & Neitzel A. (2021, September) *Methodological Review: A Systematic Narrative Review of Screening Tools for Conducting Systematic Reviews in Educational Research* [Paper]. Annual meeting of the Society for Research on Educational Effectiveness, Virtual

TEACHING EXPERIENCE

Big Questions (Wealth and Poverty) at SMU Instructor for SMU undergraduates	<i>August 2026-present</i>
Guest Speaker at NUS Communications and New Media Guest lecture with Professor Renwen Zhang	<i>April 2025</i>
Beijing Normal University Evidence-based School Improvement One of the Two Invited Instructors for the One-week Workshop	<i>October 2024</i>
JHU-China Education Summit Opening Ceremony Speaker Invited Roundtable about AI in Education	<i>July 2024</i>
Seminar Speaker at NTU National Institute of Education Invited Seminar Talk about Meta-analysis and Systematic Review with CRPP	<i>September 2023</i>
Guest Speaker at NUS Psychology Department Seminar with Social Learning and Development Lab	<i>September 2023</i>

Independent Instructor at Johns Hopkins
Advanced Instructional Strategies (Master's level course)

January – May 2023

Teaching Assistant at Johns Hopkins
Data Workflow in R Language (PhD level course)

January – May 2023

Teaching Assistant at Johns Hopkins
Science of Learning (PhD level course)

August – December 2022

MENTORING

Masters students from Johns Hopkins:

Xirui Tian (estella_tian@163.com), Jiayu Wu (jwu189@jhu.edu), Sui Yuan (ysui4@jh.edu), Fu-Hung Lin (fuhung.lin@gmail.com), Chang Tong (changtong0115@gmail.com)

PEER REVIEWER FOR JOURNAL AND CONFERENCE

Journal of Adolescent Health, The Journal of Early Adolescence, Research Synthesis Methods, Current Psychology, Human Development, Educational Researcher, Journal of Research on Educational Effectiveness, Journal of Educational Psychology

[Education Psychologist Special Edition, University Council for Educational Administration](#)

ASSOCIATION MEMBERSHIPS

Society for Research Synthesis Methodology (SRSM), Society for Research in Educational Effectiveness (SREE), American Education Research Association (AERA), American Psychological Association (APA)

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