

Wang Yi



Position: Assistant Professor
Faculty: University International College
Email Address: Wangyi1@must.edu.mo
Telephone: (853) 88973458
Office: R705
Mailing Address: Avenida Wai Long, Taipa, Macau

Teaching and Research Area:

- Educational Psychology
- Educational Statistics
- Educational Measurement
- Learning Analytics
- Machine Learning in Educational Research
- Well-Being in Education
- Teacher-Student Relationship

Academic Qualification

2021 – 2024 Ph.D / Education / University of Macau
2018 – 2021 Master / Educational Psychology / University of Macau
2014 – 2018 Bachelor / Applied Psychology / Beijing Sport University

Teaching Experience

2025 – Present Assistant Professor / UIC / Macau University of Science and Technology
2024 – 2024 Research Coordinator / CLEAR / The Chinese University of Hong Kong

Courses Regularly Taught

- University English: GSE003/GSE004
- Educational Statistics: DPEZ05

Representative Publication

Journal Articles:

- Zhang, X., **Wang, Y.**, Geng, F. (2025). Perceived parental warmth and young adults' social-emotional skills: Influence through social and psychological well-being. *The Journal of Psychology*, 0, 1-23. (SSCI IF = 3.5, Q2).
- Harrison, M. G., **Wang, Y.**, & King, R. B. (2025). Development and Validation of the Parents' Perceptions of School Counseling Scale. *Journal of Counseling & Development*, 0, 1-13. (SSCI IF=2.6, Q2).
- Adarlo, G. M., King, R. B., & **Wang, Y.** (2025). Exploring the role of supervisors in supporting graduate students' psychological needs and well-being. *Journal of Further and Higher Education*, 0, 1-22. (ESCI IF=2.2, Q1).
- **Wang, Y.**, King, R. B., Fu, L. K., & Leung, S. O. (2024). Understanding Students' Subjective and Eudaimonic Well-Being: Combining both Machine Learning and

Classical Statistics. *Applied Research in Quality of Life*, 19(1), 67-102. (SSCI IF=3.4, Q1).

- **Wang, Y.**, King, R., Haw, J., & Leung, S. O. (2023). What explains Macau students' achievement? An integrative perspective using a machine learning approach (¿Cuál es la explicación del rendimiento de los estudiantes macaenses? Una perspectiva integradora mediante la adopción del enfoque del aprendizaje automático). *Journal for the Study of Education and Development*, 46(1), 71-108. (Best paper award, SSCI IF=0.8, Q4, Best paper award in 2023).
- **Wang, Y.**, King, R., & Leung, S. O. (2023). Understanding Chinese students' well-being: A machine learning study. *Child Indicators Research*, 16(2), 581-616. (SSCI IF=2.42, Q2).
- **Wang, Y.**, Zhang, X., & Wang, L. (2022). Assessing the intention to use sports bracelets among Chinese university students: An extension of technology acceptance model with sports motivation. *Frontiers in Psychology*, 13, 846594. (SSCI IF= 4.232, Q1).
- **Wang, Y.**, Xiao, H., Zhang, X., & Wang, L. (2020). The role of active coping in the relationship between learning burnout and sleep quality among college students in China. *Frontiers in Psychology*, 11, 647. (SSCI IF = 4.2, Q1).
- **Wang, Y.**, King, R. B., Wang, F., & Leung, S. O. (2021). Need-supportive teaching is positively associated with students' well-being: A cross-cultural study. *Learning and Individual Differences*, 92, 102051. (SSCI IF = 3.9, Q1).
- King, R. B., Haw, J. Y., & **Wang, Y.** (2024). Need-support facilitates well-being across cultural, economic, and political contexts: A self-determination theory perspective. *Learning and Instruction*, 93, 101978. (SSCI IF = 4.7, Q1, 4-star [world-leading studies] rated by the Research Assessment Exercise).
- King, R. B., **Wang, Y.**, Fu, L., & Leung, S. O. (2024). Identifying the top predictors of student well-being across cultures using machine learning and conventional statistics. *Scientific Reports*, 14(1), 8376. (SSCI IF = 4.6, Q1)
- Zhang, X., **Wang, Y.**, & Leung, S. O. (2023). Technology Acceptance Model (TAM) and sports bracelets usage in physical education for freshmen: the role of gender and self-efficacy. *Technology, Pedagogy and Education*, 32(1), 45-63. (SSCI IF =4.9, Q1).
- Harrison, M. G., Wang, Y., Cheng, A. S., Tam, C. K. Y., Pan, Y. L., & King, R. B. (2025). School climate and teacher wellbeing: The role of basic psychological need satisfaction in student-and school-related domains. *Teaching and Teacher Education*, 153, 104819. (SSCI IF = 4.5, Q1).
- Harrison, M. G., **Wang, Y.**, Yeung, S. S., & King, R. B. (2024). Chinese and non-Chinese parents' perceptions of school counselling in Hong Kong: A mixed-methods cross-cultural comparison. *British Journal of Guidance & Counselling*, 1-17. (SSCI IF=1.2, Q4).
- Feng, E., **Wang, Y.**, & King, R. B. (2023). Achievement goals, emotions and willingness to communicate in EFL learning: Combining variable-and person-centered approaches. *Language Teaching Research*, 13621688221146887. (SSCI IF = 4.2, Q1).

- Fu, L., **Wang, Y.**, Leung, S. O., & Hu, W. L. (2023). The role of mental engagement between moderate or vigorous physical activity and academic achievement in adolescents. *Health Education Journal*, 82(2), 211-226. (SSCI IF = 1.3, Q4).

Book Chapter:

- Adarlo, G. M., King, R. B., & **Wang, Y.** (2025). The university as a caring community: How a university can support PhD students' well-being in remote learning. In R. V. Nata (Ed.), *Progress in Education* (Vol. 86, pp. 79-104). Nova Science Publishers, Inc.

Conference Proceedings:

- 2025 Revealing network of graduate students' supervisory relationship, motivation, and engagement. *SELF-ERAS International Conference 2025*, Singapore.
- 2025 Positive teacher-student relationship promotes students' engagement in higher education, *EARLI 2025 Conference*, Graz, Austria.
- 2024 Situated expectancy-value theory and students' engagement: A network analysis approach, *Teaching and Learning Innovation Expo 2024*, Hong Kong, China [Best Poster Award 2024]
- 2024 Understanding students' subjective well-being: combining machine learning and classical statistics, *AERA Annual Meeting*, Philadelphia
- 2023 The top predictors of positive affect: A cross-cultural study, *AASP 2023 Conference*, Hong Kong, China

Research Project

- 2025-2026 PI - *The positive power of cultural intelligence on the well-being of university students in Macau*, Macau University of Science and Technology. [FRG-25-050-UIC].
- 2024 - 2025 CI - *Development and validation of a scale to measure parents' perceptions of school counselling in South Asia*. Department of Counselling and Psychology, Hong Kong Shue Yan University.
- 2023 - 2024 CI - *Pain Points for Treatment and Recovery of Depression in Children and Adolescents (2024) : A study based on parent groups (兒童青少年抑鬱治療與康復痛點調研報告(2024)——基於患者家長群體的調研)*. National Mental Health Assessment and Development Center, Institute of Psychology, Chinese Academy of Sciences.

Membership of Academic Association and Community Service

Journal Reviewer:

- Applied Research in Quality of Life
- Psychology in School
- Social Psychology of Education
- ECNU Review of Education
- Acta Psychologica
- The Asia-Pacific Education Researcher

Membership:

2024 - Present American Educational Research Association

Professional Qualification and Award

Professional Qualification:

- Certified National Psychological Consultant Level 3
- Certificate of WS office Level 2

Award:

- Word leading paper (4 star) rated by the Research Assessment Exercise in 2025
- 2024 Best Poster Award, Teaching and Learning Innovation Expo 2024
- 2024 Best Paper Award 2023, Journal for the Study of Education and Development (JSED)
- 2018 Excellent Thesis, School of Psychology, Beijing Sport University
- 2017 Second-class scholarship; Excellent Youth League Member, Beijing Sport University
- 2016 Second-class Scholarship; Triple-A student, Beijing Sport University
- 2016 Third Prize of the 9th China University Student Computer Competition, Beijing Municipal Competition