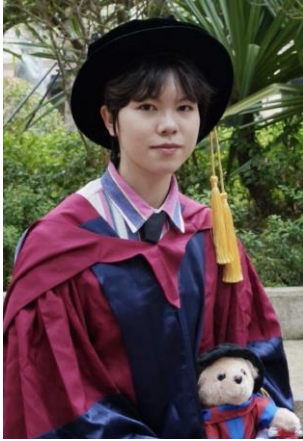


# Wang Yi



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Faculty : University International College  
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## ***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:*

- **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).
- 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).
- 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)

- **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).
- 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).
- **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).
- **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).
- 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).
- **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).

*Conference Proceedings:*

- 2024 Situated expectancy-value theory and students' engagement: A network analysis approach, Teaching and Learning Innovation Expo 2024, Hong Kong, China
- 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***

2023–2024 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

#### *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:*

- 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