



## ***Dr. Shing On LEUNG***

***Department of Digital and Intelligent teacher Education***

***Professor | Doctoral Supervisor***

### **Biography**

Prof. Shing On LEUNG retired from the Faculty of Education, University of Macau after served 25 years. Concurrently he was the Director of the Faculty-level Educational Research Centre (2000-2005), the U-level Centre for Continuing Education (2012-2018), and the U-level Office of Sports Affair (1<sup>st</sup> half on 2013). He was the external examiner of EdUHK (2007-2011, formerly HKIED).

His areas are in educational research and measurement, complementing machine learning with Statistics, and applications of statistics in social sciences. In 2023, he was listed in the top 2% of the most-cited researchers in education. Recently, he reviewed manuscripts in journals like the British Journal of Educational Psychology, Learning and Individual Differences, Social Indicators Research, etc. Respectively, nine and 58 doctoral and Master students graduated under his supervision. He was the examiner in 11 PhD qualifying exams, thesis proposal assessments, and Orals, and >110 master Orals.

### **Education Background**

- 2002 Postgraduate Certificate in Curriculum and Assessment. Open University Hong Kong.
- 1985-1990 External Ph.D. University of London under the supervision of Professor D.J. Bartholomew, London School of Economics
- 1983-1984 M.Sc. in Statistics, London School of Economics
- 1979-1982 B.Soc.Sc. in Statistics, University of Hong Kong

## Research Interests

- Educational Measurement
- Application of Statistics in Education

## Teaching Courses

- Big data, data analysis
- Everyday Statistics (Statistics without Mathematics)
- Classroom Assessment
- Educational Research

## Honors & Awards

In 2023, Shing On LEUNG was listed in the top 2% of the most-cited researchers in education.

## Research Outputs

### Academic Journals (Refereed)

1. Pesigan, Ivan Jacob Agaloos; Cheung, Shu Fai; Wu, Huiping; Chang, Florbela Chang and Leung, Shing On Leung. (2026) How plausible is my model? Assessing model plausibility of structural equation models using Bayesian

- posterior probabilities (BPP). *Behavior Research Methods*, 58, (DOI: <https://doi.org/10.3758/s13428-025-02921-x>) (impact factor 3.9, Q1).
2. Luo, Shuqiong; Fu, Lingyi; King, R.B. and Leung, Shing On. (2025) Language exposure and English digital reading achievement in East Asia: Examining the role of students' socioeconomic status. *Language Teaching Research*, 29, 1-19, (DOI: <https://journals.sagepub.com/doi/abs/10.1177/13621688251316339>) (Impact Factor 3.8, Q1).
  3. Luo, S., Lin, L., Fu, L., King, R. B., & Leung, S. O. (2024). The Influence of ICT Competencies on English Digital Reading Achievement. *International Journal of Educational Development*.
  4. Luo, S., King, R. B., Wang, Faming, & Leung, S. O. (2024). English digital reading achievement for East Asian students: identifying the key predictors using a machine learning approach. *Asia Pacific Journal of Education*, 1-17. <https://doi.org/10.1080/02188791.2024.2398120>
  5. Wang, Xiaowen Wang; Chan, Kan Kan and Leung, S. O. (2024) Do 3-8 Years Old Children Benefit From Computational Thinking Development? A Meta-Analysis. *Journal of Educational Computing Research*.
  6. King, R. B., Wang, F., Leung, S. O., & Elliot, A. (2024). Socio-economic status, mastery-approach goals and learning-related outcomes: Mediation and moderation. *British Journal of Educational Psychology*, 94(2), 499-517.
  7. Li, J., King, R., Wang, Y., Wang, C., & Leung, S. O. (2023). Students' and Schools' Expectancy-Value Beliefs are Associated with Reading Achievement: A Cross-Cultural Study. *Learning and Individual Differences*, 106, 102344. (SSCI IF = 3.897, Q1)
  8. Wang, Y., King, R. B., Fu, L., & Leung, S. O. (2023). Understanding Students' Subjective and Eudaimonic WellBeing : Combining both Machine Learning and Classical Statistics. *Applied Research in Quality of Life*, 1-36. (SSCI IF=3.4, Q1).
  9. Wang, Y.; King R. B.; Haw, J.; Leung, S. O. (2023). What explains Macau students' achievement? An integrative perspective using a machine learning approach. *Journal for the Study of Education and Development*, 46, 1, p71-108, DOI: 10.1080/02103702.2022.2149120. **(best paper award)** (SSCI IF=0.8, Q4)
  10. 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* (Nature, SSCI IF = 4.6, Q1)

11. Wang, Faming; King, Ronnel B.; Fu, Lingyi; Chai, C. S. and Leung, S. O. (2023) Overcoming adversity: exploring the key predictors of academic resilience in science. *International Journal of Science Education*, <https://doi.org/10.1080/09500693.2023.2231117>
12. Lin, Lijia; King, Ronnel B.; Fu, Liying and Leung, S. O. (2023) Information and communication technology engagement and digital reading: How meta-cognitive strategies impact their relationship. *British Journal of Educational Technology*, 00, 1–20. <https://doi.org/10.1111/bjet.13355>
13. King, R. B.; Li, Jiajing; Leung, S. O. (2023) The cultural correlates of learning poverty: The roles of long-term orientation and power distance. *International Journal of Intercultural Relations*, 95, <https://doi.org/10.1016/j.ijintrel.2023.101816>.
14. Wang, Faming; King, R. B.; Lily Zeng; Min, Zhu; Yue & Leung, S. O. (2023) The research experience of postgraduate students: a mixed-methods study. *Studies in Higher Education*, 48, 4, 616-629, DOI: 10.1080/03075079.2022.2155344
15. Wang, Y.; King, R. B.; Leung, S. O. (2023) Understanding Chinese Students' Well-Being: A Machine Learning Study. *Child Indicators Research*, 16, p581–616. <https://doi.org/10.1007/s12187-022-09997-3>
16. Zhang, Ying; Jin, Yi; Xiong, Zhenrong; Leung, S. O.; Chen, Gaowei; Li, Na; Li, Bo (2022) Personalized assessment: Applying higher-order cognitive diagnosis models in secondary mathematics. *Asian Journal for Mathematics Education*, 1,4, p455-475. DOI: 10.1177/27527263221136301
17. Wang, Faming; King, Ronnel B.; Leung, Shing On and Jiang; Chunlian (2023) Expectancy-value Beliefs Optimize Mathematics Achievement-related Outcomes: A Bifactor Approach *Journal for the Study of Education and Development*, 46, 1, p154-189. DOI: 10.1080/02103702.2022.2149116
18. Fu, Lingyi; Wang, Yi; Leung, S. O. and Hu, Wanling (2023) The role of mental engagement between moderate or vigorous physical activity and academic achievement in adolescents. *Health Education Journal*. 82, 2, 211-226. DOI: 10.1177/00178969221145804

19. Lu, Shuyang; Keang-ieng Peggy Vong; Tong, Liqin; Zhou, Yisu; Leung, S. O. (2023) Moderating effect of the urbanicity construct on teachers' capacities to foster children's creativity in rural areas: evidence from Southwest China. *Educational Research for Policy and Practice*. DOI: 10.1007/s10671-023-09352-5
20. Wang, Faming; King, R. B.; Leung, S. O. (2022) Motivated Strategies for Learning Questionnaire (MSLQ): Adaptation, validation, and development of a short form in the Chinese context for mathematics. *Psychology in the Schools*, 60, 2018-2040. DOI: 10.1002/pits.22845
21. Wang, Faming; King, R. B. & Leung, S. O. (2022) Why do East Asian students do so well in mathematics? A machine learning study. *International Journal of Science and Mathematics Education*, 21, 691–711.  
<https://doi.org/10.1007/s10763-022-10262-w>
22. Wang, Faming; Liu, Yaping & Shing On Leung (2022) Disciplinary climate, opportunity to learn, and mathematics achievement: an analysis using doubly latent multilevel structural equation modeling. *School Effectiveness and School Improvement*, 33, 3, 479-496. DOI: 10.1080/09243453.2022.2043393
23. Wang, F.; Wang, Y.; Liu, Y. & Leung, S. O. (2022). Investigating the measurement of OTL in PISA 2012 and its relationship with self-efficacy and mathematics achievement: Doubly latent multilevel analyses. *Scandinavian Journal of Educational Research*, 66, p1-16,  
<https://doi.org/10.1080/00313831.2022.2070929>
24. Wang, Faming; King, Ronnel and Leung, S. O. (2022) Beating the odds: Identifying the top predictors of resilience among Hong Kong students. *Child Indicators Research*, 5, 5, 1921-1944.  
<https://doi.org/10.1007/s12187-022-09939-z>
25. Zhang, Xiaotian; Wang, Yi; Leung, S. O. (2022). Technology acceptance model (TAM) and sports bracelets usage in physical education for freshman: The role of gender and self-efficacy. *Technology, Pedagogy and Education*, 32, 1, p45-63. DOI: 10.1080/1475939X.2022.2152861
26. Li, Hong; Gan, Zhengdong; Leung, S. O.; An, Zhujun (2022) The Impact of Reading Strategy Instruction on Reading Comprehension, Strategy Use,

- Motivation, and Self-Efficacy in Chinese University EFL Students. *SAGE Open*, 12, 1, p1–14. DOI: 10.1177/21582440221086659
27. Loh, Ka Yee; Liao, Xian; Tam, L. C. W. and Leung, Shing On (2021) How do Chinese as a second language (CSL) learners acquire orthographic knowledge: component, structure and position regularity. *Language Awareness*, 30, 3, 297-316. DOI: 10.1080/09658416.2021.1972115
  28. 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, Article 102051.
  29. Wang, Faming; Leung, S. O and Jiang, Chunlian. (2021) Psychometric properties of Cognitive and Metacognitive Learning Strategies Scale among Chinese senior secondary school students. *Journal of Psychoeducational Assessment*, 39, 6, 761-771, 07342829211011806. <https://doi.org/10.1177/07342829211011806>
  30. Vong, Keang Ieng Peggy; Mak, Chi Kuan Miranda; Leung, Shing On and Chang, Shih-Hui (2020) Age as the most prominent predictor of young children's creativity performance and challenges at critical turning points early in life, *Creativity Research Journal*, DOI: 10.1080/10400419.2020.1768486
  31. Mak, Miranda Chi Kuan; Vong, Keang-ieng Peggy; Lu, Shuyang and Leung, Shing On (2020) Towards a performing creative characteristics (PCCS) for Chinese young children. *Thinking Skills and Creativity*. <https://doi.org/10.1016/j.tsc.2020.100633>
  32. Wu, Huiping, Cheung, Shu Fai and Leung, Shing On (2019) Simple use of BIC to Assess Model Selection Uncertainty: An Illustration using Mediation and Moderation Models, *Multivariate Behavioral Research*, p1-16, DOI: 10.1080/00273171.2019.1574546
  33. Loh, E.K.Y., Liao, X., & Leung, S.O. (2018). Acquisition of orthographic knowledge: Developmental difference among learners of Chinese as a second language (CSL). *System*, 74, 206-216. [doi.org/10.1016/j.system.2018.03.018](https://doi.org/10.1016/j.system.2018.03.018)
  34. Xu, Menglin and Leung, S. O. (2018) Effects of varying number of Likert scale points on factor structure of Rosenberg Self-Esteem Scale. *Asian Journal of Social Psychology*, 21, 3, 119-128. DOI: 10.1111/ajsp.12214
  35. Cai, Zhihui and Leung, Shing-On (2017) Short forms for attitude scales in

- social sciences - the case of attitude towards capital punishment. *Journal of Social Service Research*, 43(5), 635-640, DOI: 10.1080/01488376.2017.1370681
36. Wu, Huiping and Leung, Shing-On. (2017) Can Likert Scales be Treated as Interval Scales? A Simulation Study, *Journal of Social Service Research*, 43(4), 527-532. DOI: 10.1080/01488376.2017.1329775.
  37. Xu, Menglin and Leung Shing-On (2016) Bifactor structure for the categorical Chinese Rosenberg Self-Esteem Scale. *The Spanish Journal of Psychology* 19, E67. doi: 10.1017/sjp.2016.66
  38. Li, H., Wong, E.C.M., Tse, S.K., Leung, S.O., Ye, Q.L. (2015). Asking for action or information? Crosslinguistic comparison of interrogative functions in early child Cantonese and Mandarin. *First Language*, 35(3), 213-218. SSCI cited.
  39. Mok, M. M. C., Wang, W. C., Cheng, Y. Y., Leung, S. O., & Chen, L. M. (2014). Prevalence and behavioral ranking of bullying and victimization amongst secondary students in Hong Kong, Taiwan and Macao. *The Asia-Pacific Education Researcher*, 23(3), 757-767.  
<https://doi.org/10.1007/s40299-013-0151-4>
  40. Lau, Michelle M.Y.L., Li, Hui and Leung, S. O. (2014) A multiple case study on the perceived impacts of the 15-year free education policy in Macau. *International Journal of Chinese Education*, 3, p223-249.
  41. Wu, H., Yuen, K. V. & Leung, S.O. (2014). A novel relative entropy – posterior predictive model checking approach with limited information statistics for latent trait models in sparse  $2^k$  contingency tables. *Computational Statistics & Data Analysis*, 79, 261-276. SCI cited. Impact Factor 1.3 in 2013.
  42. Mok, Magdalena Mo Ching; Wang, Wen-Chung; Cheng, Ying-Yao; Leung, S. O. and Chen, Li-Ming. (2013) Prevalence and Behavioral Ranking of Bullying and Victimization Among Secondary Students in Hong Kong, Taiwan, and Macao. *The Asia-Pacific Education Researcher*, ISSN 0119-5646, DOI 10.1007/s40299-013-0151-4.
  43. 李辉，刘懿乐，梁成安（2013）。澳门特区免费幼儿教育政策研究。幼儿教育(教育科学) 2013 年第 10 期(总第 598 期) 页 5 至 9 Li, Hui; Lau, Michelle M. Y. L. and Leung, S. O. (2013) A Study of the Free Early Childhood Education Policy in Macau. *Early Childhood Education (Educational Sciences)*, 10, (General 598), 5-9.

44. Leung, S. O. and Wu, Huiping (2013) Application of latent variable model in Rosenberg Self-Esteem Scale, *Journal of Applied Measurement*, 14, 4, p400 - 413.
45. Leung, S. O. and Xu, Menglin (2013) Single-Item Measures for Subjective Academic Performance, Self-Esteem and Socioeconomic Status. *Journal of Social Service Research*, 39, 4, 511-520. SSCI cited. ISSN: 0148-8376.
46. Li, Hui; Tse, Shek Kam Tse; Wong, Jessie Ming Sin; Wong, Eileen Chin Mei and Leung, S. O. (2013) The development of interrogative forms and functions in early childhood Cantonese, *First Language*, 33, 2, 168-181. SSCI cited. ISSN (printed): 0142-7237.
47. Tse, Shek Kam; Li, Hui and Leung, Shing On (2012) Tense and temporality: How young children express time in Cantonese. *Chinese Language and Discourse*, 3, 1, 35-56. ISSN: 1877-7031
48. Leung, Shing On. (2011) A comparison of psychometric properties and normality in 4-, 5-, 6- and 11-point Likert scales. *Journal of Social Service Research*, 37, 4, 412-421. SSCI cited. ISSN: 0148-8376.
49. Wong, P. M. and Leung, S. O. (2010) The development of autistic children's Theory of Mind ability. *Psychologia*, 53, 3, p151-162. ISSN: 0033-2852. SSCI cited
50. Lee, Angel C. K.; Leung, S. O.; Chan, Polly S. L. and Chung, Joyce O. K. (2010) Perceived level of knowledge and difficulty in learning family assessment among senior undergraduate nursing students. *Journal of Family Nursing*, 16, 2, 177 - 195. ISSN: 1074-8407 SSCI cited
51. Wong, D.S.W, Cheng, C.H.K., Leung, S.O., and Ma, S.K. (2010). Cognitive and moral development of adolescents: Implications to law reform of minimum age of criminal responsibility, *The Journal of Youth Research*, 156, 24-31. ISSN: 1004-3780 黃成榮、鄭漢光、梁成安及馬勤(2010)，「從青少年心智發展及道德判斷能力看澳門刑事責任年齡改革」，*青年探索*，總第 156 期，頁 24-31。
52. Leung, S. O. (2009) Subjective Social Economic Status of Adolescence in Macau. *International Journal of Adolescence and Youth*, 15, 145-153. ISSN: 0267-3843.
53. Mok, M. M. C.; Kennedy, K. J.; Moore, P. J.; Shan, W. J. & Leung, S. O. (2008)

The use of help-seeking by Chinese secondary school students: Challenging the myth of “the Chinese Learner”. *Evaluation Research in Education*, Special Issue on Chinese Learners. ISSN: 0950-0790  
<http://www.multilingual-matters.net/erie/default.htm>

54. Leung, S. O. (2008) A three-dimensional latent variable model for attitude scales. *Sociological Methods and Research*, 37, 1, 135-154. ISSN: 0049-1241. SSCI cited <http://smr.sagepub.com/cgi/content/abstract/37/1/135?etoc>
55. Leung, S. O. & Wong, Pui Mui (2008) Validity and reliability of Chinese Rosenberg Self-Esteem Scale. *New Horizons in Education*, 56, 1, p62-69. (梁成安、王培梅。中文版 Rosenberg 自尊感量表的信效度研究。教育曙光, 56, 1, p62-69) ISSN: 1818-3352.
56. Wong, S. H.; Sio, M. F. & Leung, S. O. (2007) An exploratory study of “words by words” teaching method on competence and interest of learning Chinese words for primary two students in Macau. *Educational Research Journal*, 22, 1, 111-133. (王少霞、蕭美歡、梁成安。探討「基本字帶字」識字法對小二學生認記漢字能力及興趣的效應。教育研究學報) ISSN: 1560-8263.
57. Sachs, John and Leung, S. O. (2007) Shortened versions of Fennema-Sherman mathematic attitude scales employing trace information. *Psychologia*, 50, 224-235. ISSN: 0033-2852. SSCI cited
58. Tse, Shek Kam; Li, Hui and Leung, S. O. (2007) The acquisition of Cantonese classifiers by preschool children in Hong Kong. *Journal of Child Language*, 34, 495-517. ISSN: 0305-0009. SSCI cited
59. Leung, S. O. & Chan I. W. (2006) A correlation study on self-esteem, parental relation and life adaptation for junior secondary students in Macau. *New Horizons in Education*, Nov., 54, 11-18. (梁成安、陳艷華。澳門初中學生自尊感、與父母情感關係和生活適應相關研究。教育曙光, 十一月) ISSN: 1818-3352.
60. Mok, M. M. C., Leung, S. O., & Shan, P. W. J. (2005). A Comparative Study on the Self-directed learning of Primary Students in Hong Kong and Macau. *International Journal of Self-directed Learning*, 2(2), 39-54. ISSN: 1934-3701 (<http://sdlglobal.com/docs/2.2IJSDFinal.pdf>)
61. Leung, S. O. and Sachs, John (2005) Bhargava and Ishizuka’s BI-method: A Neglected Method for Variable Selection. *The Journal of Experimental*

- Education, summer*, 73(4), 353-367. ISSN: 0022-0973. SSCI cited
62. Leung, S. O. (2004) A scale and norm for social economic status of secondary school students in Macau. *Journal of Macau Studies*, 25, 197-207. 澳門研究, 十二月, Dec, 第 25 期(2004.12).
  63. Leung, S. O. (2003) A practical use of vertical equating by combining IRT equating and linear equating. *Practical Assessment, Research & Evaluation*, Oct, 8(23). Available online: <http://PAREonline.net/getvn.asp?v=8&n=23>.
  64. Bartholomew, David and Leung, S. O. (2002) A Goodness-of-Fit Test for Sparse 2\*\*p Contingency Tables. *British Journal of Mathematical and Statistical Psychology*, May, 55, 1-15. SSCI cited
  65. Leung, S. O. (1992) Estimation and Application of Latent Variable Models in Categorical Data Analysis. *British Journal of Mathematical and Statistical Psychology*, 45, 311-328. SSCI cited

### **Books**

1. 梁成安 (2002) 。香港土風舞歷史(*History of Folk Dancing in Hong Kong*). 中華書局出版社. ISBN: 962-459-011-7.

### **Books Contribution**

1. Loh, E. K. Y., Leung, S. O., Tam, L. C. W., & Lau, C. P. S. (2017). Patterns in Chinese characters: Structural and component knowledge of Hong Kong and Macau ethnic minority students for learning Chinese characters. In D. Zhang & C. H. Lin (Eds.). *Testing and assessing Chinese as a second language*, pp. 91-114. Singapore: Springer.
2. Loh, Elizabeth K. Y.; Tam, Loretta C. W.; Lau, Cally P. T. and Leung, Shing-On (2017) How Ethnic Minority Students Perceive Patterns in Chinese Characters: Knowledge of Character Components and Structures. In Zhang, Dongbo and Lin, Chin-Hsi (Eds), *Chinese Language Learning Sciences*, p91-114, Springer.
3. Tse, Shek Kam; Li, Hui and Leung, Shing On. (2014) Tense and temporality: How young children express time in Cantonese. In Hua, Zhu and Lixian Jin (eds.), *Development of Pragmatic and Discourse Skills in Chinese-Speaking*

*Children*, p35 - 56. DOI: 10.1075/bct.60.03tse

4. Mok, M.C., Shan, W. J., Cheng, Y.C., & Leung, S. O. (2007). Self-directed learning as a key approach to effectiveness of education: A comparison among Mainland China, Hong Kong, Macau, and Taiwan. , In Tony Townsend & Yin Cheong Cheng (Eds). *International Handbook on School Effectiveness and Improvement*. New York/ Dordrecht: Springer.
5. 謝錫金、鄭倩薇、陳桂涓、李輝、梁成安（2006）。專題探討，量詞的特性。p87 – 105，第六章，**香港幼兒口語發展 *Oral Language Development of Preschool Children*** (Text in Chinese) ,謝錫金編著。Hong Kong University Press, HKU。ISBN: 9622098142.
6. 梁成安（2004）。學生對電腦化測試的適應。**教育與課程改革：珠三角地區的適應與發展**。古鼎儀、甘志強、容萬城編。港澳兒童教育國際協會出版。頁 76 至 80。ISBN: 962-86285-4-2
7. 梁成安（2004）。澳門貧窮問題與對策。**社會保障探索 - 澳門社會保障學會成立五週年紀念文集**。鄧玉華編輯，澳門社會保障學會出版。頁 105 至 111。ISBN: 99937-763-2-7.
8. 馬珍娜、梁成安（2003）。美國基基團簡介發展。**來看看吧！基基團小錦囊**。香港天主教基層基督徒團體聯會出版，第 7.4 章，頁 114-117。
9. 范國、梁成安、郭永賢、李嘉為（2002）。(Refereed)小學學童詞語檢認能力測試。**教學與測試：語文學習成效的評量**。李學銘主編。商務印書館（香港）有限公司。第三輯第 14 節，第 484 頁至 499 頁。ISBN:962-07-1535-7.

### **Conference and Seminar Presentations**

1. Leung, S. O. (2024) Basic probability theories, classical hypothesis testing and Bayesian. MLRG Seminar. 3rd April 2024. Department of English, University of Macau.
2. Leung, S. O. (2023) Bayesian and Bayesian Structural Equation Modeling. 2nd and 3rd Nov 2023, School of Languages, CLEAR, Shanghai University of International Business and Economics.
3. Leung, S. O. (2021) Simple Bayesian analysis with SPSS v25+. Presented on 13<sup>th</sup> May, 2021 in the course Applications of advanced quantitative methods

(EDUC8002) (lecturer: Ronnel KING), Faculty of Education, University of Macau.

4. Leung, S. O. (2021) Western folk dancing: a mixture of history, geography, exercise, music, social, health and happiness (西方土風舞：歷史、地理、體育、音樂、社交、健康和快樂的融合). Presented on 16th March, 2021, in Shiu Pong College, University of Macau, part of SPC Sharing session.
5. Leung, S. O. (2020) Simple Bayesian analysis with SPSS v25+. Presented on 14<sup>th</sup> Oct., 2020 in a seminar in Faculty of Education, University of Macau.
6. Leung, S. O. (2019) Hypothesis Testing, t-test, ANOVA and ANCOVA. Presented on 1<sup>st</sup> November, 2019 in a class in the Master of Education (IB -Chinese Language and Literature, Full Time) program Year 1, Faculty of Education, University of Hong Kong, Hong Kong.
7. Leung, S. O. (2019) Distributions, and Distributions of Distributions (Bootstrapping and Parametric Bootstrapping). Flash conference talks. On 29<sup>th</sup> October, 2019, Education University of Hong Kong, Taipo, Hong Kong.
8. Leung, S. O. (2019) Experimental Design. Presented on 25<sup>th</sup> November, 2019 in a class in the Master of Education (IB -Chinese Language and Literature, Full Time) program Year 1, Faculty of Education, University of Hong Kong, Hong Kong.
9. Leung, S. O. (2019) Are we selecting “a” single model or among some models? Simple uses of BIC to produce posterior distribution for selecting models. Two flash conference talks. On 23<sup>rd</sup> October, 2019, Education University of Hong Kong, Taipo, Hong Kong.
10. Leung, S. O. (2019) Refreshment talk. On 30th September 2019, Staff Development Day, Kowloon Technical School, Hong Kong.
11. Leung, S. O. (2019) How to publish in SSCI? On 27th September 2019 in the School of Public Administration, South China Normal University, Guangzhou, China.
12. Leung, S. O. (2019) Construction of Likert Scale. On 20th, 24th and 25th September 2019 in the School of Public Administration to three different classes of students, South China Normal University, Guangzhou, China.
13. Leung, S. O. (2019) Sampling in Education. On 18<sup>th</sup> September 2019 in the School of Public Administration, South China Normal University, Guangzhou,

China.

14. Leung, S. O. (2019) Distribution, Bootstrapping and Parametric Bootstrapping. On 10<sup>th</sup> September 2019 in the College of Mathematics and Informatics, Fujian Normal University, China.
15. Leung, S. O. (2019) The Construction of Likert Scale. On 3<sup>rd</sup> September 2019 in Faculty of Education, University of Ioannina, Ioannina, Greece.
16. Leung, S. O. (2019) Teach German folk dance to assist Michael Li, FED, UM, on his course Visual and Performing Arts – Introduction to dance studies, GELH1007-001 (AM) & 002 (PM). On 19<sup>th</sup> March and 26<sup>th</sup> March for classes 001 and 002 respectively.
17. Leung, S. O. (2019) Teach experimental design to assist Cathy Hoi, FED, UM, on her course Applications of advanced quantitative methods, EDUC802. On 2<sup>nd</sup> April, 2019.
18. Leung, S. O. (2018) Sharing with 100 F5 students in my home secondary school as an alumni. 16<sup>th</sup> November, 2018, Kowloon Technical School, Kowloon, Hong Kong. This is part of the school based assessment of students in secondary Chinese Language program.
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speaker, Research Method, Ph.D. program, Faculty of Business Administration, University of Macau.

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29. Leung, S. O. (2014) Educational Measurement under Latent Variable Models. Presented on 6<sup>th</sup> June 2014, School of Mathematics and Statistics, Central China Normal University, Wuhan, China.
30. Leung, S. O. (2014) Construction of Likert Scale. Presented on 5<sup>th</sup> June 2014, School of Psychology, Central China Normal University, Wuhan, China.
31. Leung, S. O. (2014) Foundation of Bootstrapping and Parametric Bootstrapping, and its implications in social science research. Presented on 4<sup>th</sup> June 2014, School of Mathematics and Statistics, Central China Normal University, Wuhan, China.
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June 2014, School of Psychology, Central China Normal University, Wuhan, China.

33. Leung, S. O. (2014) Construction of Likert Scale. Presented on 23<sup>rd</sup> May 2014, School of Early Childhood Education, South China Normal University, Guangzhou, China.
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35. Leung, S. O. (2013) Introduction to education for Centre for Continuing Education, on 24 May 2013, retreat of Centre for Continuing Education, University of Macau
36. 梁成安, 徐夢琳 (2012) 澳門回歸後地區發展及其對繼續教育的影響. 及表於, 第十三屆海峽兩岸繼續教育論壇, 獲優秀獎, 2012 年 10 月, 西安, 中國.  
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40. Leung, S. O. (2012) Sampling in Education. College of Education, Huazhong Normal University, China. 16 May, 2012.
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42. Leung, S. O. (2012) Sampling in Education. WLG113, Faculty of Education, University of Macau. 15, Feb., 2012.
43. Leung, S. O. (2011) Educational Measurement under Latent Variable Models. Invited speech, Conference on Social Statistics Honouring the Scientific

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48. Leung, S. O. (2010) Goodness-of-fit test for sparse 2<sup>p</sup> tables in educational testing. Department of Mathematics, Huazhong Normal University, China. 15<sup>th</sup> Oct., 2010.
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50. Leung, S. O. (2010) A simple and direct method in item selection. Assessment Research Centre, Hong Kong Institute of Education. 9 March 2010.
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Annual Meeting of the Psychometric Society in Cambridge, UK, 20 to 24 July 2009.

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### **Editors**

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### **Reviewers**

1. July 2024. *British Journal of Educational Psychology*
2. May 2024. *Learning and Individual Differences*

3. October 2021. *Learning and Individual Differences*
4. June 2021. *Educational Psychology: An International Journal of Experimental Educational Psychology* (special issue)
5. March 2021. *Reviewer of Behavior Research Methods*
6. 2020 June. *Social Indicators Research*
7. 2018 to 2020. *Frontiers in Psychology, Quantitative Psychology and Measurement* (Review Editor)
8. 2018 Dec. *Educational Psychology: An International Journal of Experimental Educational Psychology*
9. 2016 May. *Social Indicators Research*
10. 2016 Feb. (with Menglin XU) *Spanish Journal of Psychology*
11. 2015 Dec. *Social Indicators Research*
12. 2015 Sept. (with Menglin XU) *Spanish Journal of Psychology*
13. 2015 Aug. *Social Indicators Research*
14. 2015 March. *Social Indicators Research*
15. 2014 Dec. (with Huiping WU) *Social Indicators Research*
16. 2012 Dec. (with Menglin XU) *Social Indicators Research*
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18. 2011 (twice). *Educational Psychology: an international journal of experimental educational psychology.*
19. 2010. *New Horizons in Education.*
20. 2010. *Sociological Methods and Research.*
21. 2010. *British Journal of Mathematical and Statistical Psychology*
22. 2008 to 2009. *New Horizons in Education.*
23. 2006. *New Horizons in Education.*
24. 2004. *British Journal of Statistical and Mathematical Psychology.*
25. April 2004. *Academic Development Self-Efficacy Inventory: Users' Manual.*  
 Authors: Mantak Yuen, Norman C. Gysbers, Eadaoin K. P. Hui, Thomas K. M. Leung, Patrick S. Y. Lau, Raymond M. C. Chan, Peter M. K. Shea, & Sherin S. Y. Ke. Published by : Life Skills Development Project, Faculty of Education, The University of Hong Kong. A Quality Education Fund Project.
26. 2003 年 10 月。「教育發展與課程革新：兩岸四地的變革與創新」，編者：古鼎儀、胡少偉、李小鵬。港澳兒童教育國際協會(The Association for

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### **Internal Research Project**

1. Leung, S. O. (2010) Chinese Social Scale Development. Principal Investigator, MOP\$44,250, University Research Committee Funded Project, University of Macau. (RC Ref. no.: RG024/09-10S/LSO/FED)
2. Leung, S. O. & Wu, M. J. (2009) Secondary Analysis for profiles of students in low income family in Macau. Principal Investigator, MOP\$49,980, University Research Committee Funded Project, University of Macau. (Cativo no.: 3099)
3. Lei, Si Man; Leung, S. O. & Kong, Z. W. (2008) Research on key development outcomes for enhancing young children PE learning in Macau" was approved. Co-investigator, MOP\$176,250, University Research Committee Funded Project, University of Macau. (Cativo no.: 3767)
4. Leung, S. O.; Shan Wen Jing and Tse kin Shing. (2006) A public opinion survey by using CATI on school curriculum in Macau. Principal Investigator, MOP\$ 90,160.00, University Research Committee Funded Project, University of Macau. (Cativo No: 3696)
5. Leung S. O.; Mok, Magdalena Mo Ching and Shan, Wen-jing. (2004) Self-directed Learning among Secondary Students in Macao. MOP\$77,800, University Research Committee Funded Project, University of Macau. (Cativo No: 3279)
6. Leung, S. O. (2003) Computerized Adaptive Test with CAI for Junior Secondary Mathematics in Macao. Principal Investigator, MOP\$80,440, University Research Committee Funded Project, University of Macau. (Cativo No: 6496)
7. Leung, S. O. (2001) Computer Based Educational Testing with Latent Variable Modeling. Principal Investigator, MOP\$83,300, University Research Committee Funded Project, University of Macau. (Cativo No: 8091)

### **External Research Project**

1. LOH, Ka Yee Elizabeth; TSE, Shek Kam; Leung, Shing On and TAM, Chung Wing Loretta. (2015) The role of orthographic knowledge in Chinese character learning amongst Hong Kong ethnic minority students. General Research Fund, Earmarked Research Grant, Research Grant Council, University Grants Committee, Hong Kong Government.(<http://www.ugc.edu.hk/eng/rgc/fund/grants.htm#b>) (Project Fund: HK\$610,988, Duration: 24 months)
2. Kong, Z. W.; Lei, S. M. Alice and Leung, S. O. (2011) Survey of Sports Venues in Macao "澳門體育場地之調查". Funded by Macau Sport Development Board, Macau Government "澳門特別行政區政府體育發展局". MOP\$842,600.
3. Leung, S. O. (2010) with Prof Tse Shek Kam, Dr Loh Ka Yee, Dr Wong Ming Wai and Dr Lam Wai Yip. *PIRLS research project in Hong Kong - an international study of reading achievement of age 9 children.*
4. Leung, S. O. (2010) *A tracking study on the cognition and attitude of uses of drugs for students in Macao* 澳門在學青少年及大專生使用藥物之認知和態度追蹤調查 Funded by the Social Welfare Bureau, Macau Government. MOP\$394,485.
5. Leung, S. O. (2006) *Research on Cognitive Development of students and criminal age study.* 澳門刑事責任年齡研究之澳門青少年心智發展研究 Funded by Legal Affair Bureau, Macau Government. MOP\$189,000.
6. 單文經、楊秀玲、張國祥、張春莉、田野、王秉正、黃素君、鄭祖基、謝建成、伍美蓮、梁成安、施達明 (2006)。澳門非高等教育課程的檢視與改革路向。主辦單位：澳門特別行政區政府教育暨青年局。研究單位：澳門大學教育學院教育研究中心。(MOP\$740,000)
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8. 梁成安 (召集人)、老志鈞、張碧蓮、李小賓、阮佩賢、汪甄南、伍助志、廖桂萍、余詠恩、林松孝 (2001)。澳門基礎教育學科能力檢定性評核研究報告。主辦單位：澳門特別行政區政府教育暨青年局。研究單位：澳門大學

教育學院教育研究中心。(MOP\$748,000)

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10. Siu, Ping Kee; Fan, Kwok; So, Yuet Wah and Leung, S. O. (1999 to 2000). *Research Study on the Development of Chinese Language Competence of Primary School Children*「香港小學學童中國語文能力的評量及發展過程的研究」。Support Unit, Standing Committee on Language Education and Research, Education and Manpower Bureau, Hong Kong Government.(HK\$6,360,405)
11. 陳桂涓、鄺倩薇、謝錫金、梁成安、梁淑群、巢偉儀(1999)。「香港幼兒語言發展研究」。(HK\$500,000)
12. Wong, K.C.; Tse, S.K.; Sachs, John; Chan, C. K.K.; Chan, Raymond; Lam, Raymond; Yung, K.K. & Leung, S. O. (1996). *Research on Academic Aptitude Test, part 2 of Research on Aims, Objectives, Targets, Enforcement of 9-year Compulsory Education and the Assessment and Allocation System*. (HK\$772,255)

#### **Ph.D. and EDD Thesis**

1. WU, Chong Meng. (2025) The inter-relationship among teacher work engagement, student self-directed learning and their mathematics achievement: A case study in Macao. EDD Dissertation, June 2025. Faculty of Education, University of Macau.
2. SIT, Chin Chong (2025) Gifted Education in Macao: A Case of Mathematics Curriculum in School A. EDD Dissertation, June 2025. Faculty of Education, University of Macau.
3. WONG, Ka Weng Remus. (2024) The Well-being of University Students of Macau: The Role of the Teaching-Learning Environment. EDD Dissertation. Faculty of Education, University of Macau.
4. WANG, Yi. (2024) Being happy: Identifying the key factors of well-being among high and low achieved students. PhD Thesis. Faculty of Education, University of Macau.

5. LUO, Shuqiong. (2023). *Factors Affecting English Reading in Macao, Hong Kong, and Singapore: Combining Machine Learning Methods and Hierarchical Linear Regressions Using PISA 2018 Data*. Ph.D. Thesis, Faculty of Education, University of Macau.
6. AN, Zhujun (2023) (co-supervisor) *Modeling the Relationships among English Instructional Practices, Reading, Motivation and Engagement for Chinese College EFL Students*. Ph.D. Thesis, Faculty of Education, University of Macau.
7. WANG, Faming. (2022) *Becoming the Masters of Learning: A Self-regulated Learning Perspective on Chinese Students' Mathematics Learning*. 6th October, 2022. Ph.D. Thesis, Faculty of Education, University of Macau.
8. LI, Hong (2021) (co-supervisor) *Examining the role of English reading motivation, English reading strategy use and English vocabulary knowledge in Chinese college EFL students' English reading comprehension*. Ph.D. Thesis, Faculty of Education, University of Macau
9. LU, Shuyang (2021) *Thinking Creatively in Action and Movement: A Multilevel Mediation of Young Children's Creative Characteristics, Parenting Styles, Teachers Beliefs and Practices, and Urbanicity*. Ph.D. Thesis, Faculty of Education, University of Macau.
10. CAI, Zhihui (2017) (co-supervisor) *A Comparison of Fixed-effects Model and Random-effects Model for Multivariate SEM-based Meta-analysis*. Ph.D. Thesis, Faculty of Education, University of Macau
11. WU, Huiping (2015). *Bayesian Goodness-of-fit and Model Selection for Dichotomous Latent Trait Models*. Ph.D. thesis, Faculty of Education, University of Macau.

### **Master Thesis / Projects Supervision**

1. YANG, Xinyu (2025) Exploring the moderating effects of mindful parenting on the relationship between parent educational anxiety, parent-child relationship and children learning quality. M.Phil Thesis. June 2025. Faculty of Education, University of Macau.
2. XIE, Xuemin (2025) Prediction of IELTS scores by tests preparation via

- linear regression and machine learning. M.Sc Project. June 2025. Faculty of Education, University of Macau.
3. LI, Yanshu. (2025) Automated Image Data Classification: An Exploration of Six Deep Learning Models and the Application of Transfer Learning in Social Science Research. M.Sc Project. June 2025. Faculty of Education, University of Macau.
  4. YIN, Jing (2025) The Impact of School Bullying on Students' Life Satisfaction in Hong Kong, Macau, and Taipei. M.Sc Project. June 2025. Faculty of Education, University of Macau.
  5. SUN, Kunming (2025) An investigation of Factors affecting Mathematics Achievement in PISA 2022 for Macao Using Machine Learning. M.Sc Project. June 2025. Faculty of Education, University of Macau.
  6. WEI, Yisong (2025) Detecting sentiment analysis of Peer-review comments in NLP. M.Sc Project. June 2025. Faculty of Education, University of Macau.
  7. WU, Tong (2024) Exploring Student Academic Performance and Predicting Dropout Rate Using Machine Learning. M.Sc. Project. June 2024. Faculty of Education, University of Macau.
  8. LAO, Heifong (劉禧鳳) (2024) Relationship between Macau & Zhuhai Secondary, Primary and Infant Teachers' Participation in School Decision-Making and Job Satisfaction (澳門及珠海中學、小學及幼稚園教師參與學校決策程度與工作滿意度之關係). MPhil. 9<sup>th</sup> April. Faculty of Education, University of Macau.
  9. HAO, Ka Lai (侯嘉麗) (2024) Exploring the Relationship between Organizational Culture and Teacher Job Satisfaction in Primary and Secondary Schools in Macau and Zhuhai (探究澳門及珠海中、小、幼學校組織文化與教師工作滿意度之間的關係). MPhil. 9<sup>th</sup> April. Faculty of Education, University of Macau.
  10. CHAN, Sok Man (陳淑敏) (2024) The effectiveness of using the 'flipped classroom' approach in teaching English Grammar to the Sixth-Grade Primary school students. MPhil. 9<sup>th</sup> April. Faculty of Education, University of Macau.
  11. LU, Haowei (盧皓瑋) (2024) The Influence of Parent-Grandparent

Co-parenting on Children's Prosocial Behaviors (祖輩 - 父輩共同養育關係對幼兒親社會行為的影響). MPhil. 9<sup>th</sup> April. Faculty of Education, University of Macau.

12. YUE, Zhenyu (樂振宇) (2024) Evaluating School Violence Effects on Academic Achievement: A Comparison of Linear Regression and Propensity Score Matching. MPhil. 4<sup>th</sup> March 2024. Faculty of Education, University of Macau.
13. CHEN, Huilin (陳慧琳) (2024) A Research of the Relationship between School Climate and Subjective Well-Being of College Students in Mainland China (高校學校氣氛與大學生主觀幸福感之關係研究 - 以中國內地高校為例). MPhil. 20<sup>th</sup> Feb 2024. Faculty of Education, University of Macau.
14. LI, Cuiling (李翠玲) (2024) How Organizational Culture Affects Teaching Quality in Vocational Colleges - Analysis of the Mediating Effect of Learning Motivation? (高職院校組織文化如何影響教學質量 - 學習動機的中介效應分析). MPhil. 20<sup>th</sup> Feb 2024. Faculty of Education, University of Macau.
15. Cheng, Jiejian (2023) *The Relationship between Aggressive Behavior and Parenting in 3-6 Years Old Children: The Mediating and Moderating Role of Social Competence with Peers* Master Thesis, Faculty of Education, University of Macau.
16. 陳韻 (Chan Wan) (2023) 。父母元情緒理念對孩子形成依戀關係的影響 (*The Influence of Parental Meta-emotion on Attachment Formation of Children*) 。澳門大學教育學院教育碩士論文。
17. Kuan, Weng Ian (2023) *Identifying the Top Predictors of English Reading Achievement in Macao* Master Thesis, Faculty of Education, University of Macau.
18. Luo, Haixin (2023) *A Study on English Academic Writing Anxiety and English Academic Writing Motivation among Chinese EFL Graduate Students* Master Thesis, Faculty of Education, University of Macau.
19. Ren, Miaoqing (2023) *Relationship among Teacher Feedback, Students' Foreign Language Anxiety and English Learning Motivation* Master Thesis, Faculty of Education, University of Macau.
20. Su, Guanpeng (2023) *Factors Affecting Learning Achievement of Students in*

*China - An Exploration and Analysis Based on PISA 2018 Student Data in Regions of China* Master Project, Institute of Collaborative Innovation, University of Macau.

21. Wang, Ke (2023) *Exploring Factors Affecting Reading Performance Predicting in China(B-S-J-Z) Based on PISA2018 Dataset* Master Project, Institute of Collaborative Innovation, University of Macau.
22. Yang, Xing (2023) *Using Machine Learning to Analyzing Portugal Student Data* Master Project, Institute of Collaborative Innovation, University of Macau.
23. Xi, Zihan (2023) *Comparing the similarities and differences of predominant factors affecting English reading achievement between Macau and the UK based on PISA 2018* Master Thesis, Faculty of Education, University of Macau.
24. Yang, Sio Fong (2023) *The interrelationship among ethical leadership, ethical climate and teachers' job satisfaction in education* Master Thesis, Faculty of Education, University of Macau.
25. Lai, Hoi Cheng (2023) *The Impact of University Brand Image and Reputation on Student Satisfaction: The Study of Macao and Mainland China.* Master Thesis, Faculty of Education, University of Macau.
26. Fu, Lingyi (2022) *Identifying key factors of subjective well-being-A comparison of stepwise regression, tree-based ensemble machine learning, and a mixed algorithm* Master Project, Institute of Collaborative Innovation, University of Macau.
27. WANG, Yiting (王怡婷) (2022). *Predictive feature selection and target feature prediction using data from PISA and TALIS: application of Random Forest.* Master of Data Science Graduation Project. Institute of Collaborative Innovation, and Faculty of Education, University of Macau.
28. 吳君瑤 (WU, Junyao) (2022)。*PISA2015 中國四省市學生科學素養表現影響因素研究 (A study on factors of scientific literacy in four provinces and cities in China using PISA2015 data)*。澳門大學教育學院教育碩士論文。
29. 梁盛梅 (LIANG MA, Yeliana Cheng Mei) (2022) *探索家庭讀寫環境與親子互動之間的關係研究 (Relationship between home literacy environment and parent-child interactions)*。澳門大學教育學院教育碩士論文。
30. 張曉瑩 (CHEONG, Hio Ieng) (2022) *澳門隔代教育與親子教育的差異。(The*

*differences between grand-parenting and parenting in Macao*)。澳門大學教育學院教育碩士論文。

31. 王景琛 (WONG, Keng Sam) (2022) *互動式電子白板融入小學語文修辭教學對學習成就、學習態度之影響*。(The Effects of Interactive Whiteboard towards Achievement and Learning Attitude in Chinese Rhetoric Teaching in primary school in Macao)。澳門大學教育學院教育碩士論文。
32. Wang, Yi. (2021) *The Relationship Between Need-Supportive Teaching and Adolescents' Well-Being in Greater China*. M.Ed. Thesis, Faculty of Education, University of Macau.
33. Leung, Yan Yi Grace (2021) *A study of influencing factors on study abroad and college choice: taking the Mainland master students studying in Macao as an example*. M.Ed. Thesis, Faculty of Education, University of Macau.
34. 陳方銘 (CHAN, Fong Meng) (2020) *初中生英語學習動機、學習策略和自覺成效之間關係的研究* (The relationship among English motivation, learning strategies and self-perceived English competence)。澳門大學教育學院教育碩士論文。
35. Long, Weng Ian (龍詠欣) (2020) *Interrelationship among self-efficacy in English, English leaning strategies and self-perceived English competency for junior secondary students in Macao* (澳門初中生英語自我效能, 英語學習策略和英語自我認知能力相關研究) M.Ed. Thesis, Faculty of Education, University of Macau
36. LI, Yaxin (黎雅欣) (2019) *Relationships among kindergarten teachers' creative teaching, organizational culture and creative personalities* (幼兒教師創造力教學行為, 組織文化與創造力人格特質之間的關係) M.Ed. Thesis, Faculty of Education, University of Macau
37. 徐涵 (XU, Han) (2017)。*生命凝聚感與自我導向學習及主觀學業成就的關係研究* (A study on the inter-relationship among sense of coherence, self-directed learning and subjective academic performance for students in Zhuhai China)。澳門大學教育學院教育碩士論文。
38. 陳菲菲 (CHEN Feifei) (2017)。“僕人式”領導行為對書院滿意度之影響——以澳門大學為例 (The Effects of Leadership Behavior to Satisfaction among

*Residential College Students in University of Macau*)。澳門大學教育學院教育碩士論文。

39. 黃小彥 (Huang Xiaoyu) (2017)。貴州大學生選擇研究生教育的影響因素研究 (*School Choice factors in Graduate Education - a study in Gui Zhou Province*)。澳門大學教育學院教育碩士論文。
40. 成松霖 (Cheng Songlin) (2017)。大學生目標導向、自我控制、與學業延遲滿足的關係 (*Goal Orientation, Self Control, and Academic Delay of Gratification*)。澳門大學教育學院教育碩士論文。
41. 黃靜瑜 (Wong Cheng U) (2016)。澳門學校體育場地設施對外開放考慮因素之調查研究 (*A study on the factors of the opening of the sports venues and facilities of schools to the public in Macao*)。澳門大學教育學院教育碩士論文。
42. 李敏怡 (LI Min Yi) (2015)。寵物關係、手足關係與兒童情緒能力之相關研究 (*A Correlation Study of Pet Relationship, Sibling Relationship and Child Emotional Competence*)。澳門大學教育學院教育碩士論文。
43. 黃嘉盈 (WONG Ka Ieng) (2015)。對比兒歌、繪本和一般教學法對幼兒學習口語成效之研究 (*Comparison between Singing, Picture Book and Mainstream Education on the Development of Preschooler's Oral Skills*)。澳門大學教育學院教育碩士論文。
44. 胡淑莊 (Wu Sok Chong) (2014)。澳門幼稚園教師班級經營與教學效能關係之研究 (*A study of the Relations between Classroom Management and Teaching Effectiveness of Kindergarten Teachers in Macao*)。澳門大學教育學院教育碩士論文。
45. 葉倩玲 (YE Qianling) (2013)。澳門3-6歲幼兒粵語疑問句型與功能之研究 (*A study of forms and functions of interrogative sentences for children aged 3 to 6 in Macao*)。澳門大學教育學院教育碩士論文。
46. XU, Meng Lin (徐夢琳) (2012) (In English). *A Study of Relationship between Coping Styles and Mood States for Student-athletes and Non-athletes in Beijing and Macau*。(應對方式與心境的關係對學生運動員及非運動員的比較研究)。M.Ed. thesis, Faculty of Education, University of Macau.
47. 潘瀟瀟 (Pan Xiao Xiao) (2012)。內地學生選擇高等院校影響因素之研究。

- (A Study of Factors on College Choices of Mainland China Students)。澳門大學教育學院教育碩士論文。
48. 李天榮 (Lei Tin Weng) (2012)。澳門高三學生選擇高等院校的考量因素之研究。(A Study on factors on college choices of Macao Form Six Students)。澳門大學教育學院教育碩士論文。
49. 曾瑪莉 (Chang Ma Lei Mary) (2010) (with Excellent)。澳門中小學教師個人背景、組織公平與組織公民行為關係之研究 (Relationship among Organizational Citizenship Behaviour, Organizational Justice Behaviour and Teachers' Background on Teachers in Macao)。澳門大學教育學院教育碩士論文。
50. 劉綺芬 (Lao I Fan) (2010)。澳門學生背景、社經地位和家庭資源對學業成就影響研究。(Effects of students' background, social economic status and family resources towards academic competence in Macao)。澳門大學教育學院教育碩士論文。
51. 杜嘉慧 (To Ka Wai) (2007)。澳門小學生在英語科自我學習能力及其相關因素之研究。(A study on the self-directed English learning of primary students and its related factors in Macau)。澳門大學教育學院教育碩士論文。
52. 黃嘉穎 (Wong Ka Weng) (2007)。大學生自我調整學習與學業成就的關係 (The relationship between self-regulation and academic achievement of college students)。澳門大學教育學院教育碩士論文。
53. 陳艷芬 (Chan Im Fan) (2007)。澳門小學教師對教師專業角色知覺的認知、教師生涯滿意度與教師職業倦怠的相關研究 (A correlational study among teachers' perception in professional role, career satisfaction and burnout of primary school teachers in Macao)。澳門大學教育學院教育碩士論文。
54. 王錦琨 (Wong Kam Kuan) (2007)。澳門中學生社會經濟地位與學業成就差異之相關研究 (A correlational study between social economic status and academic performance for secondary school students in Macao)。澳門大學教育學院教育碩士論文。
55. 王祖顯 (Wong Chou Hin) (2006)。澳門中學生客觀及主觀社會經濟地位量表研究 (A study on the objective and subjective social economic status of secondary

*school students in Macao*)。澳門大學教育學院教育碩士論文。

56. 鄭靜雯(Cheang Cheng Man) (2005)。提升澳門中一重讀生升班率的行動研究 - 以澳門某一中學為例(*To increase the promotion rate for form one repeaters in a School in Macao - An action research*)。澳門大學教育學院教育碩士論文。
57. 黃艷梅(Wong Im Mui) (2004)。澳門初中學生數學態度及其相關因素之研究(*A Research on Mathematical Attitude and Related Factors for Junior Secondary Students in Macao.*)。澳門大學教育學院教育碩士論文。
58. 楊穎虹(Ieong Weng Hong) (2004)。澳門中學活動課程探索研究(*An Exploratory Study of th Activity Curriculum for Secondary Schools in Macao*)。澳門大學教育學院教育碩士論文。
59. 蕭美歡(Sio Mei Fun)(2004)。在澳門初中推行中文傳意寫作的探索性研究(*An Exploratory Study of Chinese Communicative Writing in Junior Secondary Schools in Macao*)。澳門大學教育學院教育碩士論文。
60. 劉愷璇(Lao Hoi Sun) (2004)。探討高小學生學習態度與學業成就的關係(*An investigation on the Relation between Learning Attitude and Academic achievement for Primary Students*)。澳門大學教育學院教育碩士論文。
61. 黃小英(Wong Sio Ieng) (2003)。生涯發展輔導課程對小六學生生涯成熟及職業自我概念之效果研究(*The Effect of " Career Development Counseling Course" on the Sixth Grade Students' Career Maturity and Vocational Self-concept*)。澳門大學教育學院教育碩士論文。
62. 李雪屏(Lei Sut Peng) (2003)。澳門護士對繼續教育課程的期望(*The Expectations of Nurses in Continuing Education Programs in Macao*)。澳門大學教育學院教育碩士論文。
63. 伍助志(Jorge Un Se) (2003)。澳門高中課程組別與學生學習過程、學業成績之相關研究(*The inter-relationship between Learning Process, Academic Results and Study Streams in a Macao secondary school*)。澳門大學教育學院教育碩士論文。
64. 陳艷華(Chan Im Wa) (2002)。澳門初中學生自我尊重的狀況剖析及其相關研究(*A Study of Self Esteem and Its Corresponding Factors for Junior Secondary*

**Ph.D. Thesis Examiner, Thesis Proposal Assessment, Qualifying Exam**

1. JIANG, Lin (2024) The attitudes and behavioral intentions towards Cantonese Opera: An exploratory study among higher education students in Guangzhou. PhD Thesis Proposal Assessment. July 2024. Faculty of Education, University of Macau.
2. WANG, Ziyang Freya. (2024) Understanding Perfectionism in the Context of Intimate Relationships: A Chinese Perspective. PhD Thesis Oral. June 2024. Faculty of Education, University of Macau.
3. ZENG, Yuntao (2024) Impacts of a Flipped-based Immersive Reality Technology Learning Approach on EFL Learners' Performance and Perceptions. PhD Thesis. May 2024. Faculty of Education, University of Macau.
4. LI, Qianru Victoria. (2024) The Role of Video-call Technology in L2 Speaking Education: Research Trend and the Lens from Test-takers and Teachers. PhD Thesis. May 2024. Faculty of Education, University of Macau.
5. CUI, Tianxue (2023) Thesis Proposal Assessment, Faculty of Education, University of Macau. 22<sup>nd</sup> March, 2023
6. WANG, Ziyang (2023) Thesis Proposal Assessment, Faculty of Education, University of Macau. 20<sup>th</sup> March, 2023
7. YANG, Wensi (2022) Thesis Proposal Assessment, Faculty of Education, University of Macau. 23<sup>rd</sup> Nov., 2022.
8. CHAN, Wai Kei (2022) Thesis Proposal Assessment, Faculty of Education, University of Macau. 28<sup>th</sup> April 2022.
9. LUO, Shuqiong (2022) Qualifying Exam, Faculty of Education, University of Macau. 23<sup>rd</sup> April 2022
10. WANG, Ziyang (2022) Qualifying Exam, Faculty of Education, University of Macau. 13<sup>th</sup> April 2022
11. CUI, Tianxue (2022) Qualifying Exam, Faculty of Education, University of Macau. 18<sup>th</sup> March 2022

### **M.Ed. Thesis Examiner**

1. WANG, Changcheng (2025) Exploring Factors Influencing Grade Repetition from a Global Perspective: An Interpretable Machine Learning Approach. M.Sc Project. June 2025. Faculty of Education, University of Macau.
2. LI, Xueyin (2025) The Impact of ICT on Youth Bullying: A Cross-Region Analysis Based on PISA 2022. M.Sc Project. June 2025. Faculty of Education, University of Macau.
3. CHOU, Cheng In (2025) A Study on School Adaptation of Macau Students in Mainland Universities: A Case Study of Undergraduate Education Majors at a 'Double First-Class' Initiative University. M.Phil Thesis. June 2025. Faculty of Education, University of Macau.
4. WANG, Yaqi (2025) Developing and Validating the Expanded Format of the Self-connection Scale. M.Phil Thesis. June 2025. Faculty of Education, University of Macau.
5. LIU, Sili (2025) Exploring Educational Philosophies Underlying Conflict Resolution Strategies: A preschool Teachers' Perspective on Peer Conflicts Among 4-5 Year-Olds. M.Phil Thesis. June 2025. Faculty of Education, University of Macau.
6. AO IEONG, Weng Man (2025) Exploring the relationship of Macau primary 4 students' mathematics achievement and home learning resources based on TIMSS 2023. M.Phil Thesis. June 2025. Faculty of Education, University of Macau.
7. WANG, Yuqing (2025) Increasing Computational Thinking and Local Cultural Knowledge of Preschool Children through Robotic Integrated Instruction. M.Phil Thesis. June 2025. Faculty of Education, University of Macau.
8. AILIFEIYA (2025) Development and Validation of the Expanded Format of the Subjective Academic Achievement Scale (SAAS). M.Phil Thesis. June 2025. Faculty of Education, University of Macau.
9. WANG, Yaqi (2025) Developing and Validating the Expanded Format of the Self-connection Scale. M.Phil Thesis. June 2025. Faculty of Education, University of Macau.
10. MO, Zhirong (2025) Chinese language learners' responses to Generative AI, ChatGPT videos in Bilibili. M.Phil Thesis. June 2025. Faculty of Education,

University of Macau.

11. LI, Ziming (2025) Enhancing Adaptive Learning Systems through Multimodal Learning Analytics: A Comprehensive Analysis of Student Engagement and Performance. M.Phil Thesis. June 2025. Faculty of Education, University of Macau.
12. IP, Hio Tong (2025) Understanding School Culture And Its Relationship With Job Satisfaction Among Elementary Teachers in Macau. M.Phil Thesis. June 2025. Faculty of Education, University of Macau.
13. ZHANG, Qiaoting (2025) Student Learning Effectiveness and the Language Policy in Teaching Chinese as a Second/Foreign Language: A Case Study of an International School in Macao. M.Phil Thesis. June 2025. Faculty of Education, University of Macau.
14. Da Silva Aguiar, Verónica Sofia (2025) Challenges in Curriculum Implementation and Fostering Collaboration of English Language Teachers in Chinese Kindergartens of Macao. M.Phil Thesis. June 2025. Faculty of Education, University of Macau.
15. LIU, Shuhan. (2024) Exploring Strategic Decision Making of Players in 2048 Games Through Personality Traits. M.Phil Thesis. June 2025. Faculty of Education, University of Macau.
16. LEONG, Kit Ieng (2024) An Exploration of the Expanded Format for Assessing English Classroom Anxiety in Primary School. M.Phil Thesis. June 2025. Faculty of Education, University of Macau.
17. WONG, Iok Kit (2024) The Effect of Interactivity on Vocabulary Learning and Retention in Digital Game Play. M.Phil Thesis. June 2025. Faculty of Education, University of Macau.
18. XING, Jiayi (2024) The Impact of School Climate on Teacher Burnout Among Chinese Junior High School Teachers in Hangzhou. M.Phil Thesis. June 2025. Faculty of Education, University of Macau.
19. ZHONG, Haoyu (2024) The Development of Expanded format for Gratitude Questionnaire 6 (GQ-6). M.Phil Thesis. June 2024. Faculty of Education, University of Macau.
20. LIU, Dongang (2024) A Bibliometric Analysis on Prompt Engineering of Generative AI in Education. M.Sc. Project. June 2024. Faculty of Education, University of Macau.

21. CHOI, Weng Tong (徐穎彤) (2024) Exploring STEAM curriculum design and implementation for kindergarten students through action research: Constructing Macau's World Heritage architecture with blocks. 幼兒 STEAM 課程設計與實施之行動研究：以積木建構澳門世界遺產的建築. MPhil Thesis. June 2024. Faculty of Education, University of Macau.
22. UN, Su Kei (阮舒淇) (2024) The Relationship Between Principal's Leadership Style and School Climate in Macau Secondary Schools (澳門中學校長的領導方式和校園氛圍的關係). MPhil Thesis. May 2024. Faculty of Education, University of Macau.
23. CHIN, Si Wan (錢詩韻) (2024) A Study on the Relevance Between Organizational Trust and Job Satisfaction of Teachers in Macao (澳門學校組織信任與教師工作滿意度關係之研究). MPhil Thesis. May 2024. Faculty of Education, University of Macau.
24. NG, Cheng Man (吳靜敏) (2024) The impact of information technology on education: Perspectives of students, teachers, and parents (資訊科技對教育的影響：學生、教師和家長的觀點). MPhil Thesis. May 2024. Faculty of Education, University of Macau.
25. XIE, Wenxi (謝文曦) (2024) The Relationship between Principal Transformational Leadership and Teacher Organizational Commitment: A Case Study of Primary Schools in Shaoguan City (校長轉換型領導與教師組織承諾關係之研究：以韶關市小學為例). MPhil Thesis. May 2024. Faculty of Education, University of Macau.
26. HAO, Qiyu (郝奇鈺) (2024) Identifying Contextual Factors Influencing Students' Digital Reading Levels Using Machine Learning Techniques (基於機器學習技術識別影響學生數字閱讀水準的環境因素) M.Sc. Project. May 2024. Faculty of Education, University of Macau.
27. LI Qingyu (李慶瑜) (2024) Validating a Language Assessment Literacy Questionnaire with Chinese EFL Pre-service Teachers(以中國職前英語教師為例來驗證語言測評素養問卷) MPhil Thesis. May 2024. Faculty of Education, University of Macau.
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Technology, University of Macau.

120. 黃民俊(Wong Man Chun) (2007)。探討澳門中學對嚴重違規學生的處理研究(*Investigation on how secondary schools in Macau deal with students that break regulations seriously*)。澳門大學教育學院教育碩士論文。
121. 高慧嫻(Kou Wai Hang) (2007)。不同教育安置下聽障中學生自尊感與人際關係之研究(*A study of the self-esteem and interpersonal relationship among hearing-impaired students who are studying at different educational settings*)。澳門大學教育學院教育碩士論文。
122. 董志文(Tong Chi Man) (2007)。澳門初中不同年級聽障學生後設認知與代數解題能力之相關研究(*A correlational study of the metacognition and algebraic problem-solving competence among hearing-impaired students who are studying in different junior secondary forms in Macao*)。澳門大學教育學院教育碩士論文。
123. 林蘊華(Lam Van Va) (2007)。幼兒家庭動力畫與其親子關係之相關研究(*A correlational study of kindergarteners on kinetic family drawings and their parent-child relationship*)。澳門大學教育學院教育碩士論文。
124. 鄭翠萍(Chiang Choi Peng) (2007)。澳門幼兒及小學特殊兒童家長親職壓力與相關因素之探討(*A study of parenting stress and related factors in parents of early childhood and primary school special children in Macao*)。澳門大學教育學院教育碩士論文。
125. 何彩雲(Ho Choi Wan) (2006)。澳門中學生生命意義感之探討(*A study on the Macau secondary students' perception of the meaning of life*)。澳門大學教育學院教育碩士論文。
126. 繆汝霞(Mio U Ha) (2006)。自尊與因應策略-澳門青少年如何因應同儕問題之研究(*Self-esteem and coping strategies: a study on how Macau youth cope with peer problems*)。澳門大學教育學院教育碩士論文。
127. 廖田伴(Lio Tin Pun) (2006)。澳門大學教學評估意見之探討(*A study of opinion on teaching evaluation of university of Macau*)。澳門大學教育學院教育碩士論文。

- 128.趙勇(Chio Iong) (2005)。澳門中小學實施「全面品質管理」之意願認知調查研究(*A survey study of the willingness and perception toward the implementation of "Total Quality Management" in primary and secondary schools in Macao*)。澳門大學教育學院教育碩士論文。
- 129.王培梅(Wong Pui Mui) (2005)。自閉症兒童“心理理論”能力的發展狀況及相關因素的研究(*Research on the development of autistic children's "Theory of Mind" and its interrelated factors*)。澳門大學教育學院教育碩士論文。
- 130.梁曉薇(Leong Hio Mei) (2005)。澳門中學資深與新任教師之班級經營信念狀況之研究(*A study on classroom management beliefs for the senior teachers and junior teachers in secondary schools of Macau*)。澳門大學教育學院教育碩士論文。
- 131.蔡曉真(Choi Io Chan) (2004)。澳門特殊教育教師工作壓力及其因應方式之研究(*The study of occupational stresses and coping methods among special education teachers in Macao*)。澳門大學教育學院教育碩士論文。
- 132.楊潤成(Ieong Ion Seng) (2003)。持恆運動與體適能的相關研究 (*The study of regular behavior in physical activities and its relationship to development of students' physical fitness level*)。澳門大學教育學院教育碩士論文。
- 133.羅文靜(Lo Man Cheng) (2003)。探討體育課程在澳門大專院校的重要性(*An investigation of the importance of physical education curriculum in Macau higher education*)。澳門大學教育學院教育碩士論文。

134.

#### **University Services**

1. 2020 to 2025. Interview panel member, Principal Recommendation Admission (PRA) interviews, and Qualified Candidates of Admission Examination, B.Ed. (Primary Education), Faculty of Education, University of Macau.
2. 2024 to 2025. Chair, Admission Panel, M.Sc. Data Science (Analytics in Teaching and Learning) Faculty of Education, University of Macau.
3. 2023 to 2025. Member, Primary (PYE) Programme Management Committee, Faculty of Education, University of Macau.
4. 2018-2023, 2010 to 2014, 2019 till now. Chair, Sports Committee, University

of Macau.

5. 2019 to 2025. Member, Principals' Recommended Admission Scheme for Outstanding Student-Athletes (PRA-OSA), UM Outstanding Student-Athletes Admission Scheme (OSAAS) - Non Local, UM Outstanding Student-Athletes Admission Scheme (OSAAS) - Current Students.
6. 2022/2023, Committee member, Programme Management Committee, M.Phil. Educational Administration, Faculty of Education, University of Macau.
7. 2022/2023, Committee member, Programme Management Committee, B. Ed (Primary Education), Faculty of Education, University of Macau.
8. 2022/2023, 2023/2024, Interview panel members, Principal Recommended Admission, B.Ed. (Primary Education), Faculty of Education, University of Macau.
9. 2022, April 23. Reviewers, Poster presentation, Postgraduate Research Symposium, Faculty of Education, University of Macau.
10. 2020 June. Member, Student Feedback Questionnaire (SFQ) Task Force, University of Macau
11. 2021, Jan to May. Supervisor of Honours Project (HONR1000), Honours College, University of Macau. Title: "Social Acceptance and Career Opportunities of Disabled Person in Macau". Group members: Vienna, CHAN U On (H-B8-1102-7), Casper, IAU Long Fong (H-B8-1037-0), Mandy, WONG Cheng (B-B8-0443-9), and Sandy, FU Weng Ian (B-B8-0067-3). Submission Date: May 12, 2021. Presentation Date: May 05, 2021
12. 2021, 17<sup>th</sup> March, Representative, Faculty of Education, in the Second Information and Education Technology Committee Meeting for Academic Year 2020/2021, University of Macau, on 17th March 2021.
13. 2018 to 2019. Three meetings with three Mentees in Shui Pong College, University of Macau, Thursday 16th May 2019, Thursday 7th March 2019, and Thursday 18th October 2018.
14. 2018. Affiliated member, Center for Early Childhood Education and Child Development.
15. 2018. College Affiliates, Shui Pong College, University of Macau.
16. 2018. Advisor, Video making for Statistics Competition to Macao Government Statistical Services, Shui Pong College
17. 2003 to 2007, 2012 - 2018 Senate member

18. 2012 – 2018 Academic Quality Assurance Committee
19. 2012 - 2018 Director Centre for Continuing Education
20. 2012. External member of recruitment panel of Associate Professor in Accounting, Department of Accounting, Faculty of Business Administration, University of Macau
21. 2014. Recruitment panel, Office of Sports Affairs
22. 2013 Jan to July University Affairs Coordination Committee
23. 2013 Jan. to July, Acting Director, Office of Sports Affairs
24. 2013 Supplementary Chairperson of Selection Committee for Invited Tender for Supply, Installation & Maintenance of Water Dispensers with Filter for Hengqin Campus
25. 2012 Sept, CTLE Task Force on UM E-Learning Strategic Plan
26. 2012 Sept Member of recruitment panel of Director of Office of Sports Affairs, University of Macau
27. 2012-2013 Member, Selection Committee of the Open Tender for Outsourcing the Clinical Services in Hengqin Campus
28. 2012 Supplementary member, Selection Committee of public tender - Integrated Facility Management Service of Staff Quarters on Hengqin campus
29. 2012-2013 Member, Hengqin Food Outlet Tender Evaluation Committee
30. 2010 - 2012 Member, Campus Outlet User Committee
31. 2007 - 2012 Member of the Library Committee, University of Macau
32. 2011 Task Force, Faculty Review, Faculty of Education, University of Macau
33. 2011 Organizer and chair, Seminar on “Globalization, internationalization, and Multinationalization in Higher Education”. 21<sup>st</sup> Oct., 2011, Faculty of Education, University of Macau. Speaker Prof. Philip G. Altbach, Director of the Center for International Higher Education in the Lynch School of Education at Boston College.
34. 2011 April. External member of recruitment panel of Assistant Professor in Accounting, Department of Accounting, Faculty of Business Administration, University of Macau. (2 interviews & 1 meeting)
- 35.** 2011 March to May. External member of recruitment panel of “Teaching” Assistant Professor in Psychology, Department of Psychology, Faculty of Social Sciences and Humanity, University of Macau. (3 interviews & 2 meeting)
36. 2010. Member, Planning Committee, BSc in Accounting with Information

System, Faculty of Business Administration, University of Macau.

37. 2002 to 2010. Coordinator, Bachelor projects, B.Ed. in service program, Faculty of Education, University of Macau (432 students and 41 supervisors).
38. 2009 June. External member of Planning Committee of the M.Sc. in Accounting. Faculty of Business Administration, University of Macau.
39. 2009 May to June. External member of recruitment panel of Assistant Professor in Clinical Psychology, Department of Psychology, Faculty of Social Sciences and Humanity, University of Macau. (3 interviews & 1 meeting)
40. 2009 May. External member of recruitment panel of Assistant Professor in Psychology. Department of Psychology, Faculty of Social Sciences and Humanity, University of Macau. (2 interviews & 1 meeting)
41. 2009 April to May. External member of recruitment panel of Assistant Professor in Finance, Department of Finance, Faculty of Business Administration, University of Macau. (5 interviews & 1 meeting)
42. 2008, Oct 31. External Member, promotion panel of Dr Teresa Chu from Lecturer to Assistant Professor, Faculty of Business Administration, University of Macau.
43. 2007 – 2008. Statistical Analysis of Teaching Evaluation for Faculty of Education, University of Macau.
44. 2008. Member, Validation Panel, Bachelor of Science in Finance Program of Faculty of Business Administration, University of Macau.
45. 2008. External member of recruitment panel of Assistant Professor in Accounting in Faculty of Business Administration, University of Macau. (2 interviews & 1 meeting)
46. 2007. Statistical Consultancy. Music preference of tertiary students in Macau. Journal article submitted by Dr Viny Hui, Faculty of Education, University of Macau
47. 2007 External member of recruitment panel of Assistant Professor in Gaming Management in Faculty of Business Administration, University of Macau
48. 2000 - 2006. Member of the University Research Committee, University of Macau
49. 2006. Secretary of promotion committee for the Promotion of Prof Cheung Kwok Cheung from Associate Professor to Full Professor.
50. 2006. Item reviewer of 2006 PISA items.

51. 2000 - 2005. Director of the Educational Research Centre, Faculty of Education, University of Macau
52. 2001, 2002 and 2003. Organizer of Annual Conference for Faculty of Education, University of Macau
53. 2000 - 2001. Co-ordinator of the Professional Development Unit, Faculty of Education, University of Macau

### **External Community Services**

1. 2021 to 2025. Assessment of teaching research design, Education and Youth Bureau, Macao Government. 教青局教學設計獎勵計劃評估員
2. 2022, September and October. Two talks on teachers' assessments and supervisions (教師評鑒與督導). 30<sup>th</sup> September and 8<sup>th</sup> October, Colegio de St.Rosa De Lima, Macao.
3. 2021, Nov. 13th Nov. Judge, Second Macau Young Scientists Conference (第三屆澳門青少年科學家大會), 澳門科學技術協進會
4. 2020, Nov. 14th Nov. Judge, Second Macau Young Scientists Conference (第二屆澳門青少年科學家大會), 澳門科學技術協進會
5. 2020, September. Advisor, project entitled "Development of teacher education monitoring and program accreditation system" (translated from "教师教育质量监测及师范类专业认证管理信息系统"). The project was commissioned by Higher education evaluation center of the Ministry of Education (教育部高等教育教学评估中心) in November, 2017, and was conducted by College of Teacher Education, South China Normal University, person-in-charge: Prof Hong WANG, contact person: Shaoping WU. I was contacted by Yingjun LIANG.
6. 2020, September. Co-Investigator. Project entitled "Harnessing the power of teacher feedback to enhance learning outcomes: The roles of students' feedback orientations and learning engagement", General Research Fund (Project number: 18610920), Principal Investigator Dr Lan YANG, Department of Curriculum and Instruction, The Education University of Hong Kong.
7. 2019 Nov. Selection Committee Member - Cambridge Dream Beyond Scholarship Scheme 2020

8. 2018 – 2020. Member (Alumni Representative), School Management Committee, Kowloon Technical School, Kowloon, Hong Kong.
9. 2018 Dec. Assessment of teaching research design, Education and Youth Bureau, Macao Government. 教青局教學設計獎勵計劃評分表
10. 2018 Nov. Selection Committee Member - Cambridge Dream Beyond Scholarship Scheme 2019
11. 2016 Oct. Reviewer, a proposal of University Grants Committee Funding for Teaching and Learning Related Proposals (2016-19 Triennium), the Education University of Hong Kong (EdUHK) (around HK\$3,000,000)
12. 2015 to 2016. Voluntary Consultant, Torrance Tests of Creative Thinking (TTCT), Macao version, Verbal and Figural (陶倫斯創造思考測驗 (語文版及圖形版, 澳門版)), Gaterac Limited, funded by Education and Youth Bureau, Macao Government.
13. 2015. Research Advisor for Torrance Tests of Creative Thinking (TTCT) (Macao version)
14. 2015. External Member, Review Panel for the Centre for Advancement of Chinese Language Education and Research (CACLER), Faculty of Education, University of Hong Kong
15. 2015. Working Group for the Synodal Consultation Questionnaire and 世界主教代表會議諮詢問卷工作小組.
16. 2015. Translator (from English to Chinese) of abstract, Journal of Applied Measurement (JAM)
17. 2012 to 2013, Local committee, 2013 IASE Satellite at Macau, the International Association for Statistical Education
18. 2012. “好學學好調查研究” 香港明愛
19. 2000 – 2012. Member of the Statistics Consultation Committee, The Macau Government. 澳門統計暨普查局統計諮詢委員會委員
20. 1996 - 2019 Research and Development Committee, Diocesan Building and Development Commission, Hong Kong Catholic Diocese.( 香港天主教教區教區建築及發展委員會研究小組成員 )
21. 2012. Certificate of Recognition – ORBIS Friends Programme, for contribution to the fight against blindness worldwide for 17 consecutive years.

22. 2010. Consultant and team member. Survey on Religious life among Catholic in HK.
23. 2006 – 2010. External Examiner, Hong Kong Institute of Education, Hong Kong.
24. 2010 Oct and 2009 Oct. Assessment of teaching research design (Educational Research), Education and Youth Bureau, Macau Government. 教青局教學設計獎勵計劃評分表（教學研究）
25. 2007 Statistical Consultancy. Mio, Ka Wa Cannis (2007). *The relationship between self-esteem and drug abuse attitude among Macau adolescents*. Research Proposal as part of the assignment submitted to School of Nursing & Health Sciences, Faculty of Medicine, Monash University, Australia.
26. 2007 Statistical Consultancy. *Factors affecting customer retention in internet banking among Hong Kong professionals and business practitioners*. Doctor of Business Administration thesis, Suk Ching YAU, University of Newcastle, Australia.
27. 2006. Member, Scientific Committee. *Pacific Rim Objective Measurement Symposium Hong Kong (PROMS HK) 2006*. 27 to 29 June 2006, in The Hong Kong Institute of Education, Hong Kong.
28. 2005. Examination proctor, centre for online and distance learning, Simon Fraser University, Canada. Anna Leong, course HUM102 Final. On 13 Dec 2005.
29. 2002. 第八屆海峽兩岸暨港澳地區教育學術研討會籌備委員會委員
30. 2000. Team member, Documentation Team, Secretariat, Diocesan Synod, Hong Kong Catholic Church（香港天主教教區會議秘書處草案組成員）
31. 1996 - 1999 Research Advisor for the Hong Kong Central Council of Catholic Laity.
32. 1996 - 1997 Computing consultation for Diocese Office for Laity Formation.
33. 1996 - 1997 Research Sub-committee, Hong Kong Catholic Commission for Labour Affairs.
34. 1996. Pioneer of the Youth Budlet Folk Dance Group.
35. 1995 - 1996. Advisor of the Youth Crystal Folk Dance Troupe.
36. 1993 & 1994. Chairman of the Square and Circle Folk Dance Club.
37. 1991. Vice-chairman of the Budlet Folk Dance Club. Dance Committee in

1994 and 1997.

38. 1987 - 1993. Advisor of the Chinese University of Hong Kong Folk Dance Club.
39. 1987 - 1997. Advisor of the Hong Kong University Dance Club.

### **Membership**

1. 1987 - now. Budlet Folk Dance Club (since 1967).
2. 1979 - now. Square and Circle Folk Dance Club (since 1959).
3. 2004 - 2011. The Psychometric Society
4. 1987 - 2017. Hong Kong Statistical Society.
5. 1996 - 2001. Hong Kong Social Security Society (HKSSS).

### **Other publications** (such as research report , articles in newspaper , magazines etc)

1. 梁成安 (2016) 。澳門考試: 人生指示牌 (三之一) 2016 年 11 月 30 日 ; 澳門考試: 教育目的、課程、考試三者環環相扣 (三之二) 2016 年 12 月 7 日 ; 澳門考試: 四個還是一個考試? (三之三) 2016 年 12 月 14 日, 澳門日報。澳門。
2. 梁成安 (2015) 。誰在異化教育評估? 2015 年 8 月 17, 明報。香港。
3. 梁成安 (2014) 。將數據二分化, 曲解民調。2014 年 6 月 27, 成報。香港。
4. 梁成安、譚偉基(2012) 淺談 S-P 表分析法。澳門教育, 2012 年 9 月 P58~P61。
5. 梁成安、譚偉基(2012)。應用 SP 表於學生測試結果分析(以一次中學數學測試分析為例)。澳門教育, 2012 年 12 月, P59~P66。
6. 梁成安、譚偉基(2011) Rasch 有多大作用?。澳門教育 2011 年 9 月 P60~P64。
7. 2009 年 7 月 6 日至 8 月 24 日 (逢星期一)。「香港土風舞發展五十年」系列 (一至八)。香港: 明報。D4 版。自由談。
8. 2002 年 5 月。統籌評核測試工作有感: 理解評量比評量結果重要。澳門: 教師雜誌。第二期。第 73 頁至第 74 頁。ISSN: 1682-2870。
9. April 2000. (in Chinese, English and Hebrew) The Development and Promotion of Israeli Folk Dancing in Hong Kong. English and Hebrew version in *ROKDIM*, 52 Israeli Folk and Performance Dance Quarterly. Chinese version

in *Folk News*, 7, published by the Folk Dance Association of Hong Kong.

10. 3 March, 2000. *History and Development of Folk Dancing in Hong Kong*. Organized by Training Division, Leisure and Cultural Services Department, Hong Kong Government.
11. 1998 年 11 月 15 日,「跳舞使人復活」,香港舞訊第二期,香港舞蹈總會出版。
12. 1998 年 9 月 6 日,「經濟增長、快樂、基督」,欠來源。
13. 1998 年 7 月 19 日,「合一是教友和神父合作的基礎」,公教報。
14. 1998 年 5 月 10 日,「比例代表制不比例」,公教報。
15. 1998 年 4 月 19 日,「回應『怪胎』的選舉」,公教報。(回應 1998 年 4 月 17 日,陳滿鴻,「解剖一頭『怪胎』—評立法會選舉之二」,公教報。)
16. 1997 年 12 月,「簡介以色列舞的發展」,蓓蕾舞蹈社三十週年特刊,蓓蕾舞蹈社出版。
17. 1997 年 12 月,「研究土風舞的方法」,蓓蕾舞蹈社三十週年特刊,蓓蕾舞蹈社出版。
18. 1997 年 11 月 30 日,「貧窮與信仰」,溫暖人間。
19. 1997 年 9 月 13 日,「德蘭修女—平常人之中的聖人」,明報。
20. 1997 年 9 月 1 日,「貧富懸殊,拖慢香港經濟增長」,香港經濟日報。
21. 1997 年 9 月,Externally refereed. 「香港貧窮率—社會保障研究報告系列十五」,香港社會保障學會。
22. 1997 年 8 月 21 日,「應善用人口增長的社會指標」,信報。
23. 1997 年 8 月 13 日,「拉近貧富差距,香港差勁」,星島日報。(International Comparison of Income Inequality).
24. 1997 年 8 月 13 日,「鐵腕對付越南船民」,星島日報。
25. 1997 年 8 月 4 日,「人口問題跨越中港,一國兩制阻礙合作」,經濟日報。
26. 1997 年 7 月 31 日,「特區政府應建立社會發展指標」,信報。
27. 1997 年 7 月 22 日,「經濟成長非社會發展唯一指標」,星島日報。
28. 1997 年 7 月 15 日,「商人主導政策,貧窮危機惡化」,經濟日報。
29. 1997 年 7 月 10 日,「以平常心看回歸」,信報。
30. 1997 年 6 月 5 日,「規劃未來香港人口須中港合作」,信報。

31. 1997 年 5 月 8 日，「『小人蛇』是政治犧牲品」，信報。
32. 1997 年 4 月 10 日，「窮人是否外籍傭工？不！」，信報。
33. 1997 年 4 月，「風格、傳統、文化、創新」，**鼓舞第二期**，香港土風舞總會期刊，p16-17.
34. 1997 年 2 月 27 日，「特區應正視老人和貧窮問題」，信報。
35. 1997 年 2 月 7 日，「為人民的福祉出發」，**公教報**。(回應 1997 年 1 月 10 日，陳滿鴻「國不在天」，**公教報**。)
36. 1997 年 1 月 23 日，「社會研究沒有誤解金尼系數」，**信報**。(評論 1997 年 1 月 14 日，「勿錯解金尼系數，勿誤稱窮人增加」，**信報**。)
37. 1997 年 1 月 17 日，「香港貧窮問題—先進繁榮的背後」，**公教報**。
38. 1996 年 10 月，「香港失業人士的生活狀況研究報告」，香港天主教勞工事務委員會。
39. 1996 年 9 月，「在討論過程中表現出愛—我對教區處理推委會事件的意見」，**公教報**。
40. 1996 年 7 月，「為何跳土風舞—音樂與動作的配合和團體感」，**鼓舞第二期**，香港土風舞總會期刊，第 22 至 23 頁。再刊登於**台灣奧羅土風舞雜誌 (Oro Folk Dance Magazine May 1997)**，第 21 至 22 頁，台灣奧羅土風舞工作群。
41. 1996 年 1 月 26 日及 2 月 2 日，「教會應否『親中』？」，**公教報**。
42. 1995 年 10 月 20 日，「九五立法局選舉中的信仰反省」，**公教報**。
43. 1995 年 8 月，「從研究理論反省教會的研究工作現況」，「鼎」，香港聖神研究中心半年期刊。
44. 1995 年 7 月 14 日，「回應吳日華就慕道者調查的意見」，**公教報**。
45. 1995 年 6 月，Externally refereed. 「九七、家庭、宗教信仰—香港天主教婦女的價值取向研究報告」，與張家興、李潔文、陳更新合著，**公教教研中心**。
46. 1994, Dec. *Report on Community Sports Clubs (CSCs) Survey*, Sports Development Board, Hong Kong.
47. 1994 年 9 月 2 日，「臨別忠告」，**公教報**。
48. 1994, September. *Report on Athlete Career & Education Survey (revised)*, Sports Development Board, Hong Kong.
49. 1994, June. *Challenger Readership Survey 1994*, Sports Development Board,

Hong Kong.

50. 1994 年 1 月 14 日,21 日及 28 日,「與子女溝通(一)期望各不同、(二)既親且遠(三)開創未來」, **公教報** Communication with Children: A Secondary Analysis of Several Research Reports on Youth in Hong Kong.
51. 1994 年 1 月,「香港天主教黃大仙聖雲仙堂基基團問卷調查」,公教教研中心及聖雲仙堂內部文件。
52. 1993 年 10 月 3 日及 10 日,「美國基基團:(一)簡介發展、(二)香港也可以有基基團」, **公教報**。
53. 1993 年 9 月 17 日,「面對九七年後教會的『不同』」, **公教報**。
54. 1993 年 7 月 16 日,「基基團的獨立與共融」, **公教報**。
55. 1993 年 5 月 7 日,「不同在公教報—分析公教報問卷調查」, **公教報**。
56. 1993 年 3 月 18 日,「勿將民意調查變成簽名運動」, **信報**。
57. 1993 年 3 月,「為家庭、為自己?談九十年代女性」, **橋**第 44 期。
58. 1993 年 1 月 15 日、4 月 2 日、7 月 2 日,「香港人、中國人、基督徒調查研究報告之(一)、(二)、(三)」, **公教報**。
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