Resume

Summary

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 (1st 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. 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.

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Education

2002 Postgraduate Certificate in Curriculum and Assessment. University Hong Kong.

1985-1990 External Ph.D. University of London under the supervision of Professor D.J. Bartholomew, London School of Economics

M.Sc. in Statistics, London School of Economics 1983-1984

1979-1982 B.Soc.Sc. in Statistics, University of Hong Kong

Major areas of teaching

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

Research Interest

- **Educational Measurement**
- Application of Statistics in Education

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

Academic Journals (Refereed)

- 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.
- 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
- 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.
- 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.
- 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)
- 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).
- 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)
- 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)
- 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
- 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
- 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.
- 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
- 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
- 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
- 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
- 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
- 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
- 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
- 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
- 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
- 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
- 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
- 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
- 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
- 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
- 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.
- 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
- 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
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- Wu, H., Yuen, K. V. & <u>Leung, S.O.</u> (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.
- Mok, Magdalena Mo Ching; Wang, Wen-Chung; Cheng, Ying-Yao; <u>Leung, S. O.</u> 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.
- 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)。頁 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.
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- 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.
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- 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。
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- 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
- 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
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- 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.
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- 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).
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- 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

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

- 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.
- 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.
- 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
- 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.
- 謝錫金、鄺倩薇、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.
- 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
- 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

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- 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。
- 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

- Leung, S. O. (2024) Basic probability theories, classical hypothesis testing and Bayesian. MLRG Seminar. 3rd April 2024. Department of English, University of Macau.
- 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.
- Leung, S. O. (2021) Simple Bayesian analysis with SPSS v25+. Presented on 13th May, 2021 in the course Applications of advanced quantitative methods (EDUC8002) (lecturer: Ronnel KING), Faculty of Education, University of Macau.
- 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.
- Leung, S. O. (2020) Simple Bayesian analysis with SPSS v25+. Presented on 14th Oct., 2020 in a seminar in Faculty of Education, University of Macau.
- Leung, S. O. (2019) Hypothesis Testing, t-test, ANOVA and ANCOVA. Presented on 1st 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.
- Leung, S. O. (2019) Distributions, and Distributions of Distributions (Bootstrapping and Parametric Bootstrapping). Flash conference talks. On 29th October, 2019, Education University of Hong Kong, Taipo, Hong Kong.
- Leung, S. O. (2019) Experimental Design. Presented on 25th 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.
- 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 23rd October, 2019, Education University

- of Hong Kong, Taipo, Hong Kong.
- Leung, S. O. (2019) Refreshment talk. On 30th September 2019, Staff Development Day, Kowloon Technical School, Hong Kong.
- 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.
- 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.
- Leung, S. O. (2019) Sampling in Education. On 18th September 2019 in the School of Public Administration, South China Normal University, Guangzhou, China.
- Leung, S. O. (2019) Distribution, Bootstrapping and Parametric Bootstrapping. On 10th September 2019 in the College of Mathematics and Informatics, Fujian Normal University, China.
- Leung, S. O. (2019) The Construction of Likert Scale. On 3rd September 2019 in Faculty of Education, University of Ioannina, Ioannina, Greece.
- 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 19th March and 26th March for classes 001 and 002 respectively.
- Leung, S. O. (2019) Teach experimental design to assist Cathy Hoi, FED, UM, on her course Applications of advanced quantitative methods, EDUC802. On 2nd April, 2019.
- Leung, S. O. (2018) Sharing with 100 F5 students in my home secondary school as an alumni. 16th November, 2018, Kowloon Technical School, Kowloon, Hong Kong. This is part of the school based assessment of students in secondary Chinese Language program.
- Loh, E.K.Y., Liao, X., Leung, S.O., Tse, S.K., & Tam, L.C.W. (2018). *The roles of component and structure in composing Chinese compound characters among Chinese as second language (CSL) learners*. Paper presented at the 8th International Conference on Han Characters Education and Research; organized by the Society of Education for Translation and Cultural Studies in Japan and Chinese Japan; National Kaohsiung Normal University; Wenzao Ursuline University of Languages, Taiwan; Beijing Normal University, China; The University of Hong Kong; and Society for Korean Classical Chinese Education, Society for Korean Classical Chinese, South Korea; Tokyo, Japan, 17-19 January, 2018.
- Loh, E.K.Y., Leung, S.O., & Tam, L.C.W. (2017). Chinese character segmentation strategies and the use of orthographic knowledge: A study on ethnic minority adolescent CSL learners. Paper presented at the 24th Annual Conference of the Society for the Scientific Study of Reading (SSSR); organized by the Radboud University Nijmegen, Netherlands;

- Halifax, Nova Scotia, Canada, 12-15 July, 2017.
- Leung, S. O. (2016). *Introduction to Bootstrapping*. 23rd June, 2016, Guest speaker, Research Method, Ph.D. program, Faculty of Business Administration, University of Macau.
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- Composition and Mood States in Young Healthy Females)。澳門大學教育學院教育碩士論文。
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- 李煒珊 (Lei Wai San) (2011) 幼兒年齡、家庭因素、課外活動與社會行為 之相關研究 (A Correlational Study of Age, Family Factors, Extra-curricular Activities and Children's Social Behavior)。澳門大學教 育學院教育碩士論文。
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- 張思君 (Cheong Si Kuan) (2010)。澳門初中生數學自我效能、數學學業成就與學業求助之相關研究 (A correlation study on mathematics self-efficacy, mathematics achievement, and academic help-seeking among junior high school students in Macao)。澳門大學教育學院教育碩士論文。
- 馮影華 (Fong Ieng Wa) (2010)。Blog 應用於數學科教學設計對學生數學學習之影響 (A study of the effects of applying the Blog on mathematics teaching)。澳門大學教育學院教育碩士論文。
- 李斌(Li Bin)(2010)。澳門大學學生運動行為及健康徑能量消耗之研究 (Exercise behaviors and energy expenditures of the walking paths to school in students of University of Macau)。澳門大學教育學院教育碩士 論文。
- 何永輝 (Ho Weng Fai) (2010) 電腦多媒體輔助初中一年級學生學習地理之研究 (A Study of the effect of CAI on learning Geography for Junior One Students)。澳門大學教育學院教育碩士論文。
- 陳秀定(Chan Sao Teng)(2009) 澳門初一學生英語學習態度研究(The Study of Macao Form One Students' English learning Attitude)。澳門大學教育學院教育碩士論文。
- 楊冬青(Ieong Tong Cheng)(2009)澳門優秀運動員運動動機及退出意圖之研究(A Study on Sport Motivation and Withdrawal Intention of Macao Elite Athletes)。澳門大學教育學院教育碩士論文。
- 陳嘉健(Chan Ka Kin)(2009)。運用專題研習於電腦教學上的成效研究(A study on Effectiveness of Project-based Learning in Computer Teaching)。 澳門大學教育學院教育碩士論文。
- 鄧穎琪(Tang Weng Kei)(2008)。澳門公共職業培訓之質量評估(Quality Assessment of Public Vocational Training in Macao)。澳門大學教育學院教育碩士論文。
- 蔣濤 (Jiang Tao) (2008)。澳門私立中小學校長轉型領導與學校組織氣氛關係之研究(A Study on the Relationship between Transformational Leadership and Organization Climate for Private Schools in Macau)。澳門大學教育學院教育碩士論文。
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- 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。
- 林蕴華(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。
- 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。
- 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。
- 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。
- 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。
- 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。
- 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。
- 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。
- 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。
- 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。
- 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。

University Services

- 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.
- 2024 to 2025. Chair, Admission Panel, M.Sc. Data Science (Analytics in Teaching and Learning) Faculty of Education, University of Macau.
- 2023 to 2025. Member, Primary (PYE) Programme Management Committee, Faculty of Education, University of Macau.
- 2018-2023, 2010 to 2014, 2019 till now. Chair, Sports Committee, University of Macau.
- 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.
- 2022/2023, Committee member, Programme Management Committee, M.Phil. Educational Administration, Faculty of Education, University of Macau.
- 2022/2023, Committee member, Programme Management Committee, B. Ed (Primary Education), Faculty of Education, University of Macau.

- 2022/2023, 2023/2024, Interview panel members, Principal Recommended Admission, B.Ed. (Primary Education), Faculty of Education, University of Macau.
- 2022, Apil 23. Reviewers, Poster presentation, Postgraduate Research Symposium, Faculty of Education, University of Macau.
- 2020 June. Member, Student Feedback Questionnaire (SFQ) Task Force, University of Macau
- 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
- 2021, 17th 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.
- 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.
- 2018. Affiliated member, Center for Early Childhood Education and Child Development.
- 2018. College Affiliates, Shui Pong College, University of Macau.
- 2018. Advisor, Video making for Statistics Competition to Macao Government Statistical Services, Shui Pong College
- 2003 to 2007, 2012 2018 Senate member
- 2012 2018 Academic Quality Assurance Committee
- 2012 2018 Director Centre for Continuing Education
- 2012. External member of recruitment panel of Associate Professor in Accounting, Department of Accounting, Faculty of Business Administration, University of Macau
- 2014. Recruitment panel, Office of Sports Affairs
- 2013 Jan to July University Affairs Coordination Committee
- 2013 Jan. to July, Acting Director, Office of Sports Affairs
- 2013 Supplementary Chairperson of Selection Committee for Invited Tender for Supply, Installation & Maintenance of Water Dispensers with Filter for Hengqin Campus
- 2012 Sept, CTLE Task Force on UM E-Learning Strategic Plan
- 2012 Sept Member of recruitment panel of Director of Office of Sports Affairs, University of Macau
- 2012-2013 Member, Selection Committee of the Open Tender for Outsourcing the Clinical Services in Hengqin Campus
- 2012 Supplementary member, Selection Committee of public tender Integrated

- Facility Management Service of Staff Quarters on Hengqin campus
- 2012-2013 Member, Hengqin Food Outlet Tender Evaluation Committee
- 2010 2012 Member, Campus Outlet User Committee
- 2007 2012 Member of the Library Committee, University of Macau
- 2011 Task Force, Faculty Review, Faculty of Education, University of Macau
- 2011 Organizer and chair, Seminar on "Globalization, internationalization, and Multinationalization in Higher Education". 21st 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.
- 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)
- 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)
- 2010. Member, Planning Committee, BSc in Accounting with Information System, Faculty of Business Administration, University of Macau.
- 2002 to 2010. Coordinator, Bachelor projects, B.Ed. in service program, Faculty of Education, University of Macau (432 students and 41 supervisors).
- 2009 June. External member of Planning Committee of the M.Sc. in Accounting. Faculty of Business Administration, University of Macau.
- 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)
- 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)
- 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)
- 2008, Oct 31. External Member, promotion panel of Dr Teresa Chu from Lecturer to Assistant Professor, Faculty of Business Administration, University of Macau.
- 2007 2008. Statistical Analysis of Teaching Evaluation for Faculty of Education, University of Macau.
- 2008. Member, Validation Panel, Bachelor of Science in Finance Program of Faculty of Business Administration, University of Macau.
- 2008. External member of recruitment panel of Assistant Professor in Accounting in Faculty of Business Administration, University of Macau.

- (2 interviews & 1 meeting)
- 2007. Statistical Consultancy. Music preference of tertiary students in Macau. Journal article submitted by Dr Viny Hui, Faculty of Education, University of Macau
- 2007 External member of recruitment panel of Assistant Professor in Gaming Management in Faculty of Business Administration, University of Macau
- 2000 2006. Member of the University Research Committee, University of Macau
- 2006. Secretary of promotion committee for the Promotion of Prof Cheung Kwok Cheung from Associate Professor to Full Professor.
- 2006. Item reviewer of 2006 PISA items.
- 2000 2005. Director of the Educational Research Centre, Faculty of Education, University of Macau
- 2001, 2002 and 2003. Organizer of Annual Conference for Faculty of Education, University of Macau
- 2000 2001. Co-ordinator of the Professional Development Unit, Faculty of Education, University of Macau

External Community Services

- 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
- 2022, September and October. Two talks on teachers' assessments and supervisions (教師評鑒與督導). 30th September and 8th October, Colegio de St.Rosa De Lima, Macao.
- 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
- 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
- 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.
- 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.
- 2019 Nov. Selection Committee Member Cambridge Dream Beyond Scholarship Scheme 2020
- 2018 2020. Member (Alumni Representative), School Management Committee, Kowloon Technical School, Kowloon, Hong Kong.
- 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
- 2018 Nov. Selection Committee Member Cambridge Dream Beyond Scholarship Scheme 2019
- 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)
- 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.
- 2015. Research Advisor for Torrance Tests of Creative Thinking (TTCT) (Macao version)
- 2015. External Member, Review Panel for the Centre for Advancement of Chinese Language Education and Research (CACLER), Faculty of Education, University of Hong Kong
- 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.
- 2015. Translator (from English to Chinese) of abstract, Journal of Applied Measurement (JAM)
- 2012 to 2013, Local committee, 2013 IASE Satellite at Macau, the International Association for Statistical Education
- 2012. "好學學好調查研究" 香港明愛
- 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
- 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)
- 2012. Certificate of Recognition ORBIS Friends Programme, for contribution to the flight against blindness worldwide for 17 consecutive years.
- 2010. Consultant and team member. Survey on Religious life among Catholic in HK.
- 2006 2010. External Examiner, Hong Kong Institute of Education, Hong Kong.
- 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)
- 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.
- 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.
- 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.
- 2005. Examination proctor, centre for online and distance learning, Simon Fraser University, Canada. Anna Ieong, course HUM102 Final. On 13 Dec 2005.
- 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
- 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)
- 1996 1999 Research Advisor for the Hong Kong Central Council of Catholic Laity.
- 1996 1997 Computing consultation for Diocese Office for Laity Formation.
- 1996 1997 Research Sub-committee, Hong Kong Catholic Commission for Labour Affairs.
- 1996. Pioneer of the Youth Budlet Folk Dance Group.
- 1995 1996. Advisor of the Youth Crystal Folk Dance Troupe.
- 1993 & 1994. Chairman of the Square and Circle Folk Dance Club.
- 1991. Vice-chairman of the Budlet Folk Dance Club. Dance Committee in 1994 and 1997.
- 1987 1993. Advisor of the Chinese University of Hong Kong Folk Dance Club.
- 1987 1997. Advisor of the Hong Kong University Dance Club.

Membership

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

<u>Other publications</u> (such as research report, articles in newspaper, magazines etc)

- 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。
- 梁成安(2015)。誰在異化教育評估? 2015年8月17,明報。香港。
- 梁成安(2014)。將數據二分化,曲解民調。2014年6月27,成報。香港。
- 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。
- 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。
- 梁成安、譚偉基(2011)。Rasch 有多大作用?。 澳門教育,2011 年 9 月, P60~P64。
- 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。
- 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。
- 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.
- 3 March, 2000. *History and Development of Folk Dancing in Hong Kong*. Organized by Training Division, Leisure and Cultural Services Department, Hong Kong Government.
- 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。
- 1998年9月6日,「經濟增長、快樂、基督」,欠來源。
- 1998年7月19日,「合一是教友和神父合作的基礎」,公教報。
- 1998年5月10日,「比例代表制不比例」,公教報。
- 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』一評立呿會選舉之二」,公教報。)
- 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。
- 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。
- 1997年11月30日,「貧窮與信仰」,**溫暖人間**。
- 1997年9月13日,「德蘭修女—平常人之中的聖人」,明報。
- 1997年9月1日,「貧富懸殊,拖慢香港經濟增長」,香港經濟日報。

- 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。
- 1997年8月21日,「應善用人口增長的社會指標」,信報。
- 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).
- 1997年8月13日,「鐵腕對付越南船民」, 星島日報。
- 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。
- 1997年7月31日,「特區政府應建立社會發展指標」,信報。
- 1997年7月22日,「經濟成長非社會發展唯一指標」,星島日報。
- 1997年7月15日,「商人主導政策,貧窮危機惡化」,經濟日報。
- 1997年7月10日,「以平常心看回歸」, 信報。
- 1997年6月5日,「規劃未來香港人口須中港合作」,信報。
- 1997年5月8日,「『小人蛇』是政治犧牲品」,信報。
- 1997年4月10日,「窮人是否外籍傭工?不!」,信報。
- 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.
- 1997年2月27日,「特區應正視老人和貧窮問題」,信報。
- 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。)
- 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。)
- 1997年1月17日,「香港貧窮問題-先進繁榮的背後」,公教報。
- 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。
- 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。
- 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。
- 1996年1月26日及2月2日,「教會應否『親中』?」,公教報。
- 1995年10月20日,「九五立法局選舉中的信仰反省」,公教報。
- 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。
- 1995年7月14日,「回應吳日華就慕道者調查的意見」,公教報。
- 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。

- 1994, Dec. *Report on Community Sports Clubs (CSCs) Survey*, Sports Development Board, Hong Kong.
- 1994年9月2日,「臨別忠告」,公教報。
- 1994, September. Report on Athlete Career & Education Survey (revised), Sports Development Board, Hong Kong.
- 1994, June. *Challenger Readership Survey 1994*, Sports Development Board, Hong Kong.
- 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.
- 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。
- 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。
- 1993年9月17日,「面對九七年後教會的『不同』」,公教報。
- 1993年7月16日,「基基團的獨立與共融」,公教報。
- 1993年5月7日,「不同在公教報-分析公教報問卷調查」,公教報。
- 1993年3月18日,「勿將民意調查變成簽名運動」,信報。
- 1993年3月,「為家庭、為自己?談九十年代女性」,橋第44期。
- 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**。
- 1993年1月,「90年代男仕的挑戰」,**橋**(季刊)。
- 1993 年 1 月 17 日,「宗教對中學生的影響」,與黃於唱合著,**信報**。(A re-analysis of a data set on Secondary School Students.)
- 1992 年 10 月 30 日,「香港基基團簡報」,公教報。
- 1992年8月21日,「不幸乃人為而非天意」,公教報。
- 1992年8月14日,「基督徒的政治參與」,公教報。
- 1992年6月26日、7月3日、7月10日,「牧職人員如何看待基基團:(一) 教友培育(二)推行基基團(三)善會與基基團」,公教報。
- 1992年5月,「基督徒不要自由」,「泉訊」,香港天主教護士會期刊。
- 1991年10月,「香港天主教黃大仙聖雲仙堂基基團問卷調查:(一)善會會員(二)彌撒教友」,公教教研中心及聖雲仙堂內部文件。

End of file