Curriculum Vitae

CHENG-HSIEN LI (李澄賢), Ph.D.

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ACADEMIC APPOINTMENTS

Associate Professor, Institute of Human Resource Management (人力資源管理研究所), College of Management, National Sun Yat-sen University (國立中山大學), Taiwan — 2021.08–present

Assistant Professor, Institute of Human Resource Management (人力資源管理研究所), College of Management, National Sun Yat-sen University (國立中山大學), Taiwan — 2016.02–2021.07

Director, Office of Accreditation and Assessment (國際認證暨評量辦公室), College of Management, National Sun Yat-sen University (國立中山大學), Taiwan — 2016.09–2019.12

Assistant Professor, Children's Learning Institute, Department of Pediatrics, University of Texas Health Science Center at Houston – Medical School, USA — 2014.09–2016.01

EDUCATION

Ph.D., Measurement and Quantitative Methods, Department of Counseling, Educational Psychology, and Special Education, Michigan State University, East Lansing, MI — 2014
Major: Quantitative Methods (量化研究方法)

Master of Arts, Education, National ChengChi University (國立政治大學), Taipei, Taiwan — 2004
Major: Educational Psychology and Counseling (心理與諮商輔導組)

Bachelor of Science, Mathematics (*summa cum laude*), National Central University (國立中央大學), Chungli, Taiwan — 2022
Major: Mathematics
Special program: Secondary Teacher Education (中學教育學程)

REFEREED PUBLICATIONS (corresponding author denoted with*; IF = Journal Impact Fact; CI = Journal Citation Indicator)

Li, C. (2024). Empirical selection of referent variables: Comparing multiple-indicator multiple-cause-interaction modeling and moderated nonlinear factor analysis. *Psychological Methods. Advance online publication*. [SSCI: Impact Factor = 7.6 & Citation Indicator = 2.97; IF Rank = 10/218 & CI Rank =12/218 in Psychology, Multidisciplinary; Times Cited: 0]

Yu, C., Chang, Y., **Li, C.**, & Wu, H. (2023). From emotion beliefs to regulatory behavior: Gratitude journaling initiation and outcomes. *Journal of Happiness Studies, 24,* 57-78. [SSCI: Impact Factor = 3.1 & Citation Indicator = 1.59; IF Rank = 42/218 & CI Rank = 26/218 in Psychology, Multidisciplinary; IF Rank = 18/263 & CI Rank = 23/263 in Social Sciences, Interdisciplinary; Times Cited: 4]

Kao, K., Hsu, H., **Li, C.**[*], Huang, Y., & Tai, N. (2023). Validation of a Chinese version of Zohar and Luria's shortened safety climate measure. *Current Psychology, 42,* 19740-19750. [SSCI: Impact Factor = 2.5 & Citation Indicator = 0.96; IF Rank = 58/218 & CI Rank = 63/218 in Psychology, Multidisciplinary; Times Cited: 3]

Li, C. (2021). Statistical estimation of structural equation models with a mixture of continuous and categorical observed variables. *Behavior Research Methods, 53,* 2191-2213. [SSCI: Impact Factor = 4.6 & Citation Indicator = 1.57; IF Rank = 1/13 & CI Rank = 1/13 in Psychology, Mathematical; IF Rank = 7/99 & CI Rank = 9/99 in Psychology, Experimental; Times Cited: 63]

Li, C., & Wu, J. (2020). Psychometric evaluation of the Chinese version of the Emotion Regulation Questionnaire in Taiwanese college students. *Assessment, 27,* 1300-1309. [SSCI: Impact Factor = 3.5 & Citation Indicator = 1.19; IF Rank = 28/180 & CI Rank =31/180 in Psychology, Clinical; Times Cited: 32]

Li, C. (2016). The performance of ML, DWLS, and ULS estimation with robust corrections in structural equation models with ordinal variables. *Psychological Methods, 21,* 369-387. [SSCI: Impact Factor = 7.6 & Citation Indicator = 2.97; IF Rank = 10/218 & CI Rank =12/218 in Psychology, Multidisciplinary; Times Cited: 571]

Li, C. (2016). Confirmatory factor analysis with ordinal data: Comparing robust maximum likelihood and diagonally weighted least squares. *Behavior Research Methods, 48,* 936-949. [SSCI: Impact Factor = 4.6 & Citation Indicator = 1.57; IF Rank = 1/13 & CI Rank = 1/13 in Psychology, Mathematical; IF Rank = 7/99 & CI Rank = 9/99 in Psychology, Experimental; Times Cited: 2773]

Diemer, M. A., **Li, C.**, Gupta, T., Uygun, N., Rogers-Sirin, L., & Sirin, S. R. (2014). Pieces of the immigrant paradox puzzle: Measurement, level, and predictive differences in precursors to academic achievement. *Learning and Individual Differences, 33,* 47-54. [SSCI: Impact Factor = 3.8 & Citation Indicator = 1.49; IF Rank = 11/74 & CI Rank = 11/74 Psychology, Educational; Times Cited: 23]

Diemer, M. A., & **Li, C.** (2012). Longitudinal roles of pre-college contexts in low-income youths' postsecondary persistence. *Developmental Psychology, 48,* 1686-1693. [SSCI: Impact Factor = 3.1 & Citation Indicator = 1.19; IF Rank = 23/91 & CI Rank = 22/91 in Psychology, Developmental; Times Cited: 58]

Raykov, T., Marcoulides, G. A., & **Li, C.** (2012). Measurement invariance for latent constructs in multiple populations: A critical view and refocus. *Educational and Psychological Measurement, 72,* 954-974. [SSCI: Impact Factor = 2.1 & Citation Indicator = 0.78; IF Rank = 33/74 & CI Rank = 45/74 in Psychology, Educational; IF Rank = 43/135 & CI Rank = 39/135 in Mathematics, Interdisciplinary Application; Times Cited: 101]

Li, C. (2012). Validation of the Chinese version of the Life Orientation Test with a robust weighted least squares approach. *Psychological Assessment, 24,* 770-776. [SSCI: Impact Factor = 3.3 & Citation Indicator = 1.19; IF Rank = 33/180 & CI Rank = 31/180 in Psychology, Clinical; Times Cited: 14]

Diemer, M. A., & **Li, C.** (2011). Critical consciousness and political engagement among marginalized youth. *Child Development, 82,* 1815-1833. [SSCI: Impact Factor = 3.9 & Citation Indicator = 1.47; IF Rank =

5/74 & CI Rank = 13/74 in Psychology, Educational; IF Rank = 16/91 & CI Rank = 12/91 in Psychology, Developmental; Times Cited: 508]

Li, C., & Wu, J. (2011). The structural relationships between optimism and innovative behavior: Understanding potential antecedents and mediating effects. *Creativity Research Journal, 23,* 119-128. [SSCI: Impact Factor = 2.5 & Citation Indicator = 0.90; IF Rank = 28/74 & CI Rank = 41/74 in Psychology, Educational; IF Rank = 58/218 & CI Rank = 71/218 in Psychology, Multidisciplinary; Times Cited: 163]

RESEARCH GRANTS

Principal Investigator, "Selecting Referent Indicators for Continuous to Ordered Categorical Data: Comparing Multiple Approaches." Funded by the National Science and Technology Council (國科會), NTD 2,334,000 — 2024–2026

Principal Investigator, "The Effect of Partial Measurement Invariance on Cross-group Latent Mean Comparisons." Funded by the Ministry of Science and Technology (科技部), NTD 2,393,000 — 2022–2024

Principal Investigator, "A Repetitive or Iterative Strategy for Empirical Selection of Referent Variables: Using MIMIC-Interaction Modeling." Funded by the Ministry of Science and Technology (科技部), NTD 877,000 — 2021–2022

Principal Investigator, "Statistical Estimation of Structural Equation Models with Ordered Categorical Data: A Comparison of Frequentist and Bayesian Approaches." Funded by the Ministry of Science and Technology (科技部), NTD 848,000 — 2020–2021

Principal Investigator, "Using MIMIC-interaction Modeling and Moderated Nonlinear Factor Analysis to Locate Referent Variables." Funded by the Ministry of Science and Technology (科技部), NTD 1,696,000 — 2018–2020

Principal Investigator, "Statistical Estimation of Structural Equation Models with a Mixture of Continuous and Ordinal Observed Variables: A Monte Carlo Simulation." Funded by the Ministry of Science and Technology (科技部), NTD 610,000 — 2017–2018

Principal Investigator, "Identifying a Credible Referent Variable for Measurement Invariance Testing: A MIMIC-interaction Modeling Approach." Funded by the Ministry of Science and Technology (科技部), NTD 745,000 — 2016–2017

Co-Investigator, "Development of school readiness curricular based measurement system." Funded by Institute of Education Sciences, NTD 49,654,000 — 2011– 2015
Principal Investigator: Jason Anthony, Ph.D., University of Texas Medical School at Houston

HONORS AND AWARDS

World's Top 2% Scientists by Stanford University – 史丹佛大學全球前 2%頂尖科學家	2024
University Excellence in Research Award – 中山大學校研究績優獎, National Sun Yat-sen University, Taiwan	2024
University Distinguished Teaching Award – 中山大學校教學傑出獎, National Sun Yat-sen University, Taiwan	2022
University Excellent Advisor Award – 中山大學校優良導師獎, College of Management, National Sun Yat-sen University, Taiwan	2021
University Excellence in Teaching Award – 中山大學校教學績優獎, National Sun Yat-sen University, Taiwan	2019
College Excellent Advisor Award – 中山大學院優良導師獎, College of Management, National Sun Yat-sen University, Taiwan	2017
College Excellent Advisor Award – 中山大學院優良導師獎, College of Management, National Sun Yat-sen University, Taiwan	2017
Sun Yat-sen Junior Management Scholar Award – 中山大學管理學院逸仙新進管理學者獎, College of Management, National Sun Yat-sen University, Taiwan	2017
New Faculty Award – 中山大學新進教師獎勵, National Sun Yat-sen University, Taiwan	2017
Sun Yat-sen Junior Management Scholar Award – 中山大學管理學院逸仙新進管理學者獎, College of Management, National Sun Yat-sen University, Taiwan	2016
New Faculty Award – 中山大學新進教師獎勵, National Sun Yat-sen University, Taiwan	2016

TEACHING

Institute of Human Resource Management, National Sun Yat-sen University

Ph.D. Program

Seminar of Research Methods – Latent Variable Modeling 潛在變項模式 (Spring, 2016)

Test Construction and Development in Human Resource Management 人力資源管理的測驗與發展 (Fall, 2016; Fall, 2018)

Structural Equation Modeling 結構方程模式 (Fall, 2017; Fall, 2019-2022)

Advanced Research Methods II 高等研究方法二 (Spring, 2018-2024)

Independent Studies of Assessment Methods in Workplace 人力資源測驗評量專題研究 (Spring, 2018-2024)

Seminar in Research Methods 研究方法專題研討(Fall, 2019-2024)

Master Program

Applied Statistics and Data Analysis 應用統計與資料分析 (Spring, 2016; Fall, 2016-2024)

Research Methodology in Human Resource Management II 人力資源研究方法二 (Spring, 2017-2024)

International Business MBA, National Sun Yat-sen University

Statistics and Quantitative Methods 統計與計量方法 (Spring, 2017; Fall, 2017-2024)

PROFESSIONAL SERVICE

Academic Service

(i) Invited Journal Manuscript Reviewer

Psychological Methods

Structural Equation Modeling: A Multidisciplinary Journal

Behavior Research Methods

Multivariate Behavioral Research

Educational and Psychological Measurement

Current Psychology

Behaviormetrica

中華心理學刊

教育與心理研究

人力資源管理學報

調查研究–方法與應用

REFEREED PRESENTATIONS [student co-authors denoted with[*]]

Li, C. (2024, July). *The performance of latent mean estimates: comparing full and partial invariance models*. Poster presented at the 2024 International Meeting of Psychometric Society (IMPS), Prague, Czech Republic.

Wang, C.[*], Yang, S.[*], & **Li, C.** (2023, December). Development and validation of the Workplace Friendship Questionnaire: Using Pillemer and Rothbard's theoretical framework. Paper presented at the 2023 Annual Meeting of the Australian and New Zealand Academy of Management (ANZAM), Wellington, New Zealand.

Li, C., & Sun, G. (2023, July). *Empirical selection of referent variables: Using an iterative MIMIC-interaction modeling*. Poster presented at the 2023 International Meeting of Psychometric Society (IMPS), College Park, MD.

Hsu, C.[*], & **Li, C.** (2022, August). *Enhancing work-life balance by getting off work on time.* Paper presented at the 2022 Annual Meeting of the Academy of Management (AOM), Seattle, WA.

Li, C., & Sun, G. (2022, July). *Empirical selection of referent variables: Using an iterative MIMIC-interaction modeling*. Poster accepted at the 2022 International Meeting of Psychometric Society (IMPS), Bologna, Italy. (withdrawal due to the COVID-19 related travel issues)

Li, C. (2021, July). *Ordinal confirmatory factor analysis: A comparison of Frequentist and Bayesian approaches*. Poster presented at the 2021 Virtual International Meeting of Psychometric Society (Virtual IMPS).

Li, C. (2020, July). *Comparing MIMIC-interaction with moderated nonlinear factor analysis to locate*

referent variables. Poster accepted by the 2020 International Meeting of Psychometric Society (IMPS), College Park, MA. (The conference was cancelled due to the COVID-19 pandemic.)

Li, C., & Yang, S.[*] (2019, July). *Identifying referent variable(s) using constant anchor method in MIMIC-interaction modeling*. Poster presented at the 2019 International Meeting of Psychometric Society (IMPS), Santiago, Chile.

Yang, S.[*], & **Li. C.** (2019, July). *The development of Workplace Friendship Scale*. Paper presented at the 2019 European Conference on Psychological Assessment (ECPA), Brussel, Belgium.

Li, C., & Yang. S.[*] (2018, July). *Statistical estimation of SEM models with mixed-scale observed variables*. Poster presented at the 2018 International Meeting of Psychometric Society (IMPS), New York, NY.

Li, C., & Jung. K. (2017, July). *Identifying one credible referent variable for measurement invariance testing: A MIMIC-interaction modeling approach*. Poster presented at the 2017 International Meeting of Psychometric Society (IMPS), Zürich, Switzerland.

Li, C. (2017, July). *Psychometric evaluation of the Chinese version of the Emotion Regulation Questionnaire in Taiwanese college students*. Poster presented at the 2017 European Conference on Psychological Assessment (ECPA), Lisbon, Portugal.

Li, C. (2015, April). The performance of robust estimators in ordinal structural regression models. Paper presented at the 2015 National Council on Measurement in Education Annual Meeting, Chicago, IL.

RESEARCH INTERESTS

Methodology: Factor Analysis, Measurement Invariance, Latent Growth Curve, Latent Class Analysis, Longitudinal Data Analysis, Categorical Data Analysis, Differential Item Functioning, Multilevel Modeling, & Generalized Linear Model

Developmental/Educational Psychology and Positive Psychology: Optimism, Creativity, Self-efficacy, Motivation, Learning, Resilience, & Educational Expectation

PROFESSIONAL AFFILIATIONS

American Psychometric Society

American Psychological Association
(*Division 15: Educational Psychology; Division 5: Evaluation, Measurement and Statistics*)

National Council on Measurement in Education

American Educational Research Association
(*Division D: Measurement & Research Methodology*)