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Instructor and Researcher

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**EDUCATION**

**January 2013:** PhD in Graduate Institute of Educational Measurement

and Statistic, College of Education, National Taichung

University of Education, Taiwan

**June 2006:** Master of Science (MS) in Graduate Institute of

Educational Measurement and Statistic, College of

Education, National Taichung University of Education,

Taiwan

**June 2004:** Bachelor of Science (BS) in Department of Applied

Statistics and Information Science, School of Social

Science, Ming Chuan University, Taiwan

**AREA OF EXPERTISE**

**Measurement & Assessment**: Item Analysis, Item Response Theory,

Computerized Adaptive Testing, Large

Scale Education Assessments

Statistical Learning; Latent Variable Models; Math and Reading Abilities Development; Language Testing and Evaluation

**TEACHING EXPERIENCE (selected list)**

**Full-time Lecturer**

**2017-2020** Post-Doctoral Fellow, Department of Computer Science and Information Engineering, National Taiwan Normal University

**2016-2017** Lecturer, School of Psychology, Central China Normal University

**2014-2016** Post-Doctoral Fellow, Department of Applied Chinese Language and Culture, National Taiwan Normal University

**Visiting Scholar/Guest Lecturer**

2016 Adjunct Assistant Professor, Department of Industrial Engineering and Management, Da-Yeh University

2015 Adjunct Assistant Professor, Extension School of Continuing Education, National Taiwan Normal University

2014 Adjunct Assistant Professor, Department of Applied Chinese Language and Culture, National Taiwan Normal University

2014 Adjunct Assistant Professor, Graduate Institute of Educational Measurement and Statistic, National Taichung University of Education

2011 Adjunct Instructor, Department of Applied Chinese Language, Hsiuping University of Science and Technology

2012 Adjunct Instructor, Department of Chinese Literature, National Chiayi University

2012 Adjunct Instructor, Department of Applied Chinese Language, National Taichung University of Science and Technology

2010 Adjunct Instructor, Hsin-Sheng College of Medical Care and Management

2008 Adjunct Instructor, Graduate Institute of Educational Measurement and Statistic, National Taichung University of Education]

**PUBLICATION / PROCEEDING (selected list)**

* Chen, P.-F., Wang, H.-P., Hsia, Crystal. (2019). Key-Image Picture-Based Approach for Teaching Chinese Character via Online Distance Learning to Chinese as Foreign Language Learners. International Journal of e-Education, e-Business, e-Management and e-Learning, 9(3), 186-194. (EI)
* Lin, Z.-X., Wang, H.-P. (2019). Effectiveness of Applying a Character-Based Teaching Method to Improve the Proficiency of Primary Chinese as a Second Language. Journal of Research in Education Sciences, 64(2), 1-37. (TSSCI)
* Wang, H.-P., Lin, Z.-X., Tsai, Y.-H., Hong, J.-C. (2018). Validation Assessment and Latent Profile Analysis on the Acculturation Scale for Foreign Students’ in Taiwan. Psychological Testing, 65(1), 1-28. (TSSCI)
* Lin, Z.-X., Wang, H.-P. (2018). The Relationships between Phonological Awareness and Visual Skills of Chinese Learner’s Ability of Chinese Characters. Journal of Chinese Language Teaching, 14(4), 73-102. (TSSCI) (THCI Core)
* Lin, Z.-X., Wang, H.-P., Tsai, Y.-H., LIN, C.-H. (2017). The Role of Acculturation in Chinese Reading Ability Development of CSL Learners. International Journal of Chinese Language Education, 2, 29-44.
* Chen, P.-F., Tolmie, A. K., Wang, H.-P. (2017). Growing the Critical Thinking of Schoolchildren in Taiwan Using the Analects of Confucius. International Journal of Educational Research, 84, 43-54.（SSCI, Impact Factor = 1.244）
* Lin, Z.-X., Wang, H.-P., Tsai, Y.-H., LIN, Y.-P. (2017). Linking Up Chinese Characters and Vocabulary – A Connective Approach for Teaching Chinese as a Second Language. Journal of Chinese Language Education, 15(1), 58-73. (CSSCI)
* Wang, H.-P., Kuo, B.-C. Lu, Y.-R. (2013). Investigating the Population Invariance Assumption of Item Response Theory True Score Equating Across Gender Groups for Forms of a Testlet-Based the Taiwan Assessment of Student Achievement. Journal of Education ＆ Psychology, 36(1), 117-146. (TSSCI)
* Wang, H.-P., Kuo, B.-C. Lu, Y.-R. (2013). Exploring the Population Invariance of Equating in the Large-Scale Assessments: Using the Taiwan Assessment of Student Achievement as an Example. Psychological Testing, 60(3), 493-522. (TSSCI)
* Cheng, C.-M., Wang, H.-P. (2012). Assessing the Standards Set by TASA and Its Standard-Setting Procedures. Educational Review, 39, 77-118. (TSSCI)
* Cheng, C.-M., Wang, H.-P. (2012). A primary Study on the Standard Settings of the Taiwan Assessment of Student Achievement Considering 6th Grade Social Studies in 2009 as an Example. Journal of Education ＆ Psychology, 35(3), 115-149. (TSSCI)
* Wang, H.-P., Kuo, B.-C., Tsai, Y.-H., & Liao, C.-H. (2012). A CEFR-Based Computerized Adaptive Testing System for Chinese Proficiency. The Turkish Online Journal of Educational Technology, 11(4), 1-12.（SSCI, Impact Factor = 0.956）
* Wang, H.-P., Tsai, Y.-H., Kuo, B.-C., Chao, R.-C. (2012). The Development and Implementation of A2 Level Chinese Proficiency Test-Based on CEFR. TCSOL Studies, 45(1), 32-41. (CSSCI)
* Kuo, B.-C., Wang, H.-P. (2012). The Improvement and Reformation of Computer Based Tests in National Examinations. NATIONAL ELITE, 8(1), 67-85.
* Wang, H.-P., Kuo, B.-C., Chao, R.-C., & Tsai, Y.-H. (2011). The Chinese as Second Language Multidimensional Computerized Adaptive Testing System Construction. International Journal of Computers, 5(1), 42-49.
* Chao, R.-C., Kuo, B.-C., Wang, H.-P., & Tsai, Y.-H. (2011). A Study on CSL Proficiency Evaluation - Reading and Listening Subject. International Journal of Education and Information Technologies, 5(1), 51-58.
* Kuo, B.-C., Wang, H.-P., Wu, H.-M., Chang, W.-T. (2010). The Subscale Scores Estimation for Large-Scale Assessments. Psychological Testing, 57(2), 209-238. (TSSCI)
* Yang, S.-H., Yeh, H.-C., Wang, H.-P. (2009). The development and application of the sixth grade student’s narrative writing assessment---a study at the middle of Taiwan area. Journal of Research in Education Sciences, 54(3), 139-173. (TSSCI)
* Kuo, B.-C., Wang, H.-P. (2008). A Simultaneous Vertical and Horizontal Equating of Large-Scale Assessments. Journal of Educational Research and Development, 4(4), 87-120. (TSSCI)
* Tseng, Y.-L., Wang, H.-P., Kuo, B.-C., Sheu, T.-W. (2005). Simulate Research on Balanced Incomplete Block. Journal of Research on Measurement and Statistics, 13(2), 209-229.