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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.