

Education

- **PhD, Educational Measurement and Assessment**
The Hong Kong Institute of Education, 10/2011 to present (PhD candidate).
- **M.Ed., Assessment and Evaluation,**
The Hong Kong Institute of Education, 09/2009 to 08/2011.
- **B.S., Applied Psychology,**
Beijing Normal University (Zhuhai Campus), 09/2004 to 06/2008.

Unpublished Thesis

- [PhD Dissertation, in progress] Investigating the Effects of Quantity and Quality of Common Item on Vertical Scaling. (Supervisors: Prof. Magdalena Mok, Prof. Wen-Chung Wang, Dr Eddie Leung)
- [Master Thesis] Formalizing and Application of Multilevel One Parameter Logistic Ability-Based Guessing Model. (Supervisor: Prof. Wen-Chung Wang)
- [Master Thesis] Assessing Dimensionality Using Rasch Rating Scale Model. (Supervisor: Prof. Magdalena Mok)

Journal Publications

- Korpershoek, H., Xu, K., Mok, M. M. C. & McInerney, D. M. (submitted). Testing the multidimensionality of the Inventory of School Motivation in a Dutch student sample. *Educational and Psychological Measurement*.
- Mok, M. M. C. & Xu, K. (2013). Using multidimensional Rasch to enhance measurement precision: Initial results from simulation and empirical studies. *Journal of Applied Measurement*, 14(1), 27-43.
- Martin, A. J., Liem, G. A., Mok, M., & Xu, J. (2012). Problem solving and immigrant student mathematics and science achievement: Multination findings from the Programme for International Student Assessment (PISA). *Journal of Educational Psychology*, 104(4), 1054.
- Zhao, N., Valcke, M., Desoete, A., Verhaeghe, J., & Xu, K. (2011). A multilevel analysis on predicting mathematics performance in Chinese primary schools: Implications for practice. *Asia-Pacific Education Researcher*, 20(3), 503-520.

Conference Papers

- Xu, K., Wang, W.-C., & Mok, M. M.-C. (2012, August). *Implementing the DIF-free-than-DIF strategy on DIF assessment*. Paper presented at the Pacific Rim Objective Measurement Symposium, Jiaxing, China.
- Xu, K. J., & Mok, M. M. C. (2011, July). *Assessing dimensionality using Rasch rating scale model*. Paper presented to The 76th Annual and the 17th International Meeting of the Psychometric Society, The Hong Kong Institute of Education, Hong Kong.

Book Chapters

- Mok, M. M. C., Lam, S. M., Ngan, M. Y., Yao, J. J., Wong, M. Y. W., Xu, J. K., & Ting, S. Y. C. (2012). Student-Problem Chart: An Essential Tool for SLOA. In M. M. C. Mok (Ed.), *Self-directed Learning Oriented Assessments in the Asia-Pacific* (208-227). New York: Springer.
- 莫慕貞、丁彥銓、何昊璇、黃英華、謝棹南、徐坤、姚靜靜(2011)：優化學習導向評估之 SP Xpress 2.2，Hong Kong，PACE Publications Ltd。

Work Experience

- **Research Assistant**, Assessment Research Center, HKIED, 07/2010 to 08/2011. (Advisor: Prof. Magdalena Mo ChingMok).
Vertical scaling of mathematics for Hong Kong students (*Monte Carlo simulation studies, empirical data analysis*)
Optimizing of learning for Hong Kong students(*item banking, data analysis and scale development*)
Civic Education research group based on IEA ICCS 2009
Secondary research based on PISA 2003(*data preparation and initial analysis*)
APASO II training course
Optimizing Assessment for Learning Using SPXpress® in E-Reporting
- **Research Assistant**, Assessment Research Center, HKIED, 01/2010 to 06/2010. (Advisor: Ms. Doris Lau)
Baseline assessment in mathematics for Hong Kong and Macau students(*Assessment papers, data analysis, school reports*)
- **Assessment Specialist and Psychological Consultant**, Keep Watch on Psyche Project, 04/2009 to 07/2009.
(Advisor: Dr. XiaoxiaGuo)
Psychological assessment for about 40,000 teachers and students in earthquake disaster region in Sichuan province
Clinical interviews for PTSD or depressive teachers and students
Psychological assessment training courses for about 500 teachers(*writing training manual, school visiting*)

Internship Experience

- **Administrator of psychological lab, teaching assistant** of Experimental Psychology, Beijing Normal University (Zhuhai), 09/ 2007 to 02/2008 (Advisor: Dr. Jianguo Peng)
Maintain the experiment equipments and advised the experiment design and data analysis for students who majored in psychology
- **Research Assistant**, King-May Psychological Measurement Technical Company, 02/ 2007 to 11/2007 (Advisor: Prof. Yuqiu Li)
Develop the Chinese Version of Webster Intelligence Scale for Children in Edition Forth (WISC-IV).
- **Principle Investigator**, Employment Stress of College Students in Beijing Normal University (Zhuhai) Research Project, 03/ 2007 to 06/2007.

Academic Service and Consultant

January 2014	<i>Organizing committee member</i> of 2014 Assessment Conference, Hong Kong.
December 2013	<i>Educational Measurement Analyst</i> , Hong Kong Association of the Heads of Secondary Schools.
January 2013	<i>Organizing committee member</i> of 2013 Assessment Conference, Hong Kong.
August 2011	<i>Local organizing committee member</i> of The 76 th Annual and the 17 th International Meeting of the Psychometric Society, Hong Kong.

Teaching Experience

February 2013	<i>Mini course</i> : Log-linear Analysis
December 2013	<i>Workshop</i> : Self-directed Learning Using SP Xpress
July 2012	<i>Workshop</i> : Assessment for Learning Using Winsteps
June 2012	<i>Mini course</i> : Quality of a Test – Reliability Analysis

Skills

- ✓ Proficiency with *MATLAB* and *R Language* Programming.
- ✓ Proficiency with IRT software: *Winsteps*, *ConQuest*, *BILOG*, *NOHARM*, *WinBUGS/OpenBUGS*, etc.
- ✓ Proficiency with statistical computer programs, such as *SPSS*, *Amos*, *Mplus*, *MLwin*, *HLM*, etc.
- ✓ General computer skills, reference management software, *Microsoft office*, *TeX/LaTeX*, etc.