

# Curriculum Vitae

## Johnson Ching-Hong LI

### Personal Background

Current position: Assistant Professor (August 2014 - present)  
Department of Psychology  
University of Manitoba

Office Address: P517B, Duff Roblin Building  
Office Telephone: (204) 318-2923  
Email: lijch@umanitoba.ca

### Educational Experience

Assistant Professor: University of Hong Kong  
Faculty of Education, 2013 - 2014

Graduate: University of Alberta  
Ph.D. in Educational Psychology - Measurement, Evaluation, and  
Cognition, 2012  
Canada

Chinese University of Hong Kong  
M.Phil. in Psychology, 2006  
Hong Kong

Undergraduate: University of Hong Kong  
B.SSc. in Psychology, 2004  
Hong Kong

### Research Interests

Educational measurement and quantitative psychology, with an emphasis on robust statistics, resampling techniques, corrections for study artifacts, meta-analysis, computer-based testing, structural equation modeling, cognitive diagnostic models, student and teacher evaluation, and reliability and validity assessment.

### Grant

"Peer interaction as a naturalistic "stress test": Early identification of children at-risk for mild ASD"  
Co-I; HKD 1,316,484; General Research Fund (External fund), Hong Kong

### Refereed Publications

Cui, Y., & **Li, J. C.-H.** (in press). Evaluating person fit for cognitive diagnostic assessment. *Applied Psychological Measurement*.

Bury, R., & **Li, J. C.-H.**, (in press). The impact of new technologies on audience reception and

production. *New Media and Society*. doi:10.1177/1461444813508368

- Li, J. C.-H.**, Cui, Y., & Chan, W. (2013). Bootstrap confidence intervals for the mean correlation corrected for Case IV range restriction - A more adequate procedure for meta-analysis. *Journal of Applied Psychology*, 98, 183-193. doi:10.1037/a0029946
- Tze, V. M. C., Daniels, L. M., Klassen, R. M., & **Li, J. C.-H.** (2013). Canadian and Chinese university students' approaches to coping with academic boredom. *Learning and Individual Differences*, 23, 32-43. doi:10.1016/j.lindif.2012.10.015
- Tze, V. M. C., Klassen, R. M., Daniels, L. M., **Li, J. C.-H.**, & Zhang, X. (2013). A cross-cultural validation of the Learning-Related Boredom Scale (LRBS) With Canadian and Chinese college students. *Journal of Psychoeducational Assessment*, 31, 29-39. doi:10.1177/0734282912443670
- Gierl, M. J., Lai, H., & **Li, J. C.-H.** (2013). Identifying differential item functioning in multi-stage computer adaptive testing, *Educational Research and Evaluation: An International Journal on Theory and Practice*, 19, 188-203. doi:http://dx.doi.org/10.1080/13803611.2013.767622
- Cui, Y., & **Li, J. C.-H.** (2012). Evaluating the performance of parametric and non-parametric procedures of constructing confidence interval for coefficient alpha: A simulation study. *British Journal of Mathematical and Statistical Psychology*. 65, 467-498. doi:10.1111/j.2044-8317.2012.02038.x
- Tze, V. M. C., **Li, J. C.-H.**, & Pei, J. (2012). Effective prevention of adolescent substance abuse – educational versus deterrent approaches. *Alberta Journal of Educational Research*, 58, 122-138.
- Li, J. C.-H.**, Lau, W., & Au, T. K. (2011). Psychometric properties of the Spence Children's Anxiety Scale in a Hong Kong Chinese community sample. *Journal of Anxiety Disorders*, 25, 584-591. doi:10.1016/j.janxdis.2011.01.007
- Li, J. C.-H.**, Chan, W., & Cui, Y. (2011). Bootstrap standard error and confidence intervals for the correlations corrected for indirect range restriction. *British Journal of Mathematical and Statistical Psychology*, 64, 367-387. doi:10.1348/2044-8317.002007
- Lau, W., Chan, C. K., **Li, J. C.-H.**, & Au, T. K. (2010). Effectiveness of group cognitive behavioral treatment for childhood anxiety in community clinics. *Behaviour Research and Therapy*, 48, 1067-1077. doi:10.1016/j.brat.2010.07.007

#### **Manuscripts under Review (Revise and Resubmit)**

- Li, J. C.-H.** (2013). *Cohen's d corrected for Case IV indirect range restriction – A more accurate procedure for evaluating group differences in organizational research*. In revision with *Personnel Psychology*.
- Cui, Y., & **Li, J. C.-H.** (2013). *Evaluating person fit for cognitive diagnostic assessment*. In revision with *Applied Psychological Measurement*.
- Cui, Y., Gierl, M. J., & **Li, J. C.-H.** (2013). *Statistical classification for cognitive diagnostic assessment: an artificial neural network approach*. In revision with *Journal of Classification*.

### **Manuscripts in Preparation**

**Li, J. C.-H.**, & Cui, Y. (2012). *Cognitive diagnostic differential item functioning on computer adaptive tests*. Manuscript in preparation.

Reiger, J., & **Li, J. C.-H.** (2012). *Team alignment in capital projects*. Manuscript in preparation.

Sadowski, C., **Li, J. C.-H.**, & Jones, A. (2012). *Pharmacists and ambulatory assistive devices (PAAD) study: Development of a continuing education module for community pharmacists*. Manuscript in preparation.

### **Refereed Presentations**

**Li, J. C.-H.** (2013). *Evaluating the performance of the uncorrected and corrected mean reliability alpha for range restriction in meta-analysis: A Monte Carlo study*. Paper presented at the 2013 annual meeting, The British Psychological Society, Harrogate, UK.

**Li, J. C.-H.**, & Chan, W. (2012). *Cohen's effect size d corrected for indirect range restriction*. Poster accepted for the 2012 Annual Meeting, American Psychological Association (APA), Orlando, Florida.

**Li, J. C.-H.**, Cui, Y., Gierl, M. J., & Chan, W. (2012). *Bootstrap confidence intervals for range-restricted coefficient alpha*. Poster accepted for the 2012 Annual Meeting, American Educational Research Association (AERA), Vancouver, Canada.

**Li, J. C.-H.**, Cui, Y., Gierl, M. J., & Chan, W. (2011). *Bootstrap confidence intervals for the meta-analysis of correlations corrected for indirect range restriction*. Paper presented at the 2011 International Meeting of the Psychometric Society (IMPS), Hong Kong.

Cui, Y., & **Li, J. C.-H.** (2011). *Evaluating the performance of parametric and non-parametric procedures of constructing confidence interval for coefficient alpha: a simulation study*. Paper presented at the 2011 Annual Meeting, American Educational Research Association (AERA), New Orleans, US.

Lai, H., **Li, J. C.-H.**, & Gierl, M. J. (2011). *Effectiveness of CATSIB on computer adaptive sequential tests*. Poster presented at the 2011 International Meeting of the Psychometric Society (IMPS), Hong Kong.

Tze, V. M. C., Klassen, R., Daniels, L., & **Li, J. C.-H.** (2011). *Exploring the validity of learning-related boredom scale in Canada and China*. Paper presented at the 2011 International Meeting of the Psychometric Society (IMPS), Hong Kong.

Cui, Y., & **Li, J. C.-H.** (2010). *Building diagnostic computerized adaptive testing: issues and challenges*. Paper presented at the symposium of the 2010 Annual Conference, The Canadian Society for the Study of Education (CSSE), Montreal, Canada.

### **Teaching Experience**

Principal Instructor, EDUR 7055, Quantitative Research Methods in Educational Research (graduate course), Fall 2013, University of Hong Kong

Instructor, GRSC 6008, Transferable Skills (graduate course), Fall 2013, University of Hong Kong

Instructor, MEDD 6014, Methods of Research and Enquiry (graduate course), Fall 2012 and 2013, University of Hong Kong

Instructor, EDUC 2004, Classroom Research: An Introduction (undergraduate course), Winter and Fall 2013, University of Hong Kong

Instructor, EDUC 6651, Educational Studies: Classroom Learning and Student Development (graduate course), Fall 2012, University of Hong Kong

Principal Instructor, Educational Psychology 500, Introduction to Data Analysis in Educational Research (graduate course), Winter 2012, University of Alberta

Principal Instructor, Psychology 1004, Introduction to Quantitative Methods in Psychology (undergraduate course), Winter 2009, University of Hong Kong

Principal Instructor, Psychology 0001, Research Methods in Psychology (graduate course), Winter 2009, University of Hong Kong

Principal Instructor, Psychology 3006, Independent Study (undergraduate course), Fall 2007 – Winter 2009. University of Hong Kong

Co-Instructor, Social Sciences 6001, The Methods of Social Research: Strategies and Practices (graduate course), Fall 2006, University of Hong Kong

### **Scholarships and Travel Awards**

URC/CRCG - Conference Support for Teaching Staff, April 2013  
Research Service, The University of Hong Kong

Myer Horowitz Graduate Student Travel Award. February 2012  
Faculty of Education, University of Alberta

Professional Development Grant. February 2012  
Graduate Students' Association, University of Alberta

Department of Educational Psychology Graduate Student Travel Scholarship. February 2012  
University of Alberta

Provost Doctoral Entrance Award II. University of Alberta. Fall 2010 – Winter 2011  
Provost Doctoral Entrance Award I. University of Alberta. Fall 2009 – Winter 2010  
Centre for Research in Applied Measurement and Evaluation Travel Grant – July 2011  
Department of Educational Psychology, University of Alberta

Centre for Research in Applied Measurement and Evaluation Travel Grant – June 2010  
Department of Educational Psychology, University of Alberta

University Teaching and Research Assistantship – Fall 2004 – Winter 2006  
Department of Psychology, Chinese University of Hong Kong

### **Professional Activities**

**Reviewer**, *British Journal of Mathematical and Statistical Psychology*, *Multivariate Behavioral Research*, *Journal of Educational Measurement*, *Journal of Anxiety Disorders*, and *Asian Journal of Social Psychology*

### **Consulting and Research Experience**

**Statistical Consultant**, Centre for Research in Applied Measurement and Evaluation, Department of Educational Psychology, Winter 2010 & Winter – Summer 2011, University of Alberta

**Research Consultant**, Families First Edmonton, Community University Partnership Project, Fall 2010 – Winter 2011, University of Alberta

**Research Assistant**, a five-year longitudinal project on children's dyslexia, Department of Psychology, Fall 2006 – Winter 2007, University of Hong Kong