

## Curriculum Vitae

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### EDUCATION

*The University of Iowa*, Iowa City, Iowa, U.S.A., May 2010.  
Department of Teaching and Learning  
Ph.D. in Foreign Language & ESL Education  
2005/08/22~2010/05/14

*Central Michigan University*, Mt. Pleasant, Michigan, U.S.A., December 2004.  
Department of English Language and Literature  
Master of Arts in Teaching English to Speakers of Other Languages  
2002/08/29 ~ 2004/12/17

### INTEREST OF RESEARCH

E-Learning, Computer-assisted language learning (CALL), English for Specific Purposes (ESP)

### PROFESSIONAL EXPERIENCES

2022/08 – Present	<i>Assistant Professor</i> , English Taught Program (ETP) in International Business, Shih Chien University, Taiwan
2016/09 – 2022/06	<i>Assistant Professor</i> , Department of Applied Foreign Languages, Chien Hsin University of Science and Technology, Taiwan
2011/03 – 2014/07	<i>Postdoctoral Research Fellow</i> , Graduate Institute of Learning and Instruction, National Central University, Jhongli City, Taoyuan County, Taiwan
2006/08 – 2010/05	<i>Teaching Assistant</i> , Education Technology Center, The University of Iowa, Iowa City, Iowa, U.S.A.
2006/08 – 2009/05	<i>Research Assistant</i> , Foreign Language and ESL Education Program, The University of Iowa, Iowa City, Iowa, U.S.A.
2004/09 – 2004/12	<i>Writing Center Consultant</i> , Writing Center, Central Michigan University, Mt. Pleasant, Michigan, U.S.A.
2003/09 – 2004/05	<i>English as Second Language Tutor</i> , Mt. Pleasant High School Program in English Language Institute, Central Michigan University, Mt. Pleasant, Michigan, U.S.A.
2003/09 – 2003/12	<i>English as Second Language Tutor</i> , Fancher Elementary School, Mt. Pleasant, Michigan, U.S.A.
2002/09 – 2004/05	<i>Research Assistant</i> , Department of English Language and Literature, Central Michigan University, Mt. Pleasant, Michigan, U.S.A.

<b>PROFESSIONAL DEVELOPMENT</b>	2013/11 – present	<i>Reviewer</i> , Computers & Education Journal
	2013/12 – 2014/06	<i>Local Chair</i> , International Cognitive Load Theory Conference 2014 (ICLTC 2014), Taiwan <a href="http://www.iclta.net/icltc2014/Org.html">http://www.iclta.net/icltc2014/Org.html</a>
	2013/08	<i>Workshop Instructor</i> , Eye Tracking as a Research Instrument Workshop, National Central University, Taiwan

**PUBLICATIONS*****Journal papers***

Liu, T. C.\* , Fan, M. H.-M., & Paas, F. (2014). Effects of digital dictionary format on incidental acquisition of spelling knowledge and cognitive load during second language learning: Click-on versus key-in dictionaries. *Computers & Education*, 70, 9-20. doi: <http://dx.doi.org/10.1016/j.compedu.2013.08.001> (full length peer reviewed articles) (SSCI)

***English Books and Book Chapters***

Fan, M. H.-M., (2010). *Developing Chinese Orthographic Awareness: What Insights into Characters do Beginning Level Chinese as a Foreign Language Textbooks Provide?* Saarbrücken, Germany: Lambert Academic Publishing. ISBN-10: 3843365512 ISBN-13: 978-3843365512

***Chinese Books and Book Chapters***

劉子鍵與范惠美 (2013)。電子字典輔助第二語言閱讀與字彙習得。載於柯華葳(主編), 語文數位學習(23-42 頁)。臺北市: 高等教育出版。

***Academic Services***

Proceedings of the AECT International Conference on the Frontier in E-Learning Research 2013 (AECT-ICFER 2013), June, Taiwan  
Associate Editor of Conference Proceedings and Handbook & Publicity Chair

***Conference Papers***

Fan, M. H.-M.\* , Liu, T.C. & Liang, Y.Y. (2013). Expertise and effects of digital dictionary format on EFL reading comprehension. Paper presented at the 6th International Cognitive Load Theory Conference, Toulouse, France, June, 2013.

Fan, M. H.-M.\* , & Liu, T.C., (2012). Tolerance of Ambiguity and EFL Readers' Dictionary Look-up Strategies: An Eye-Tracking Analysis. Paper presented at the 20th International Conference Computers in Education, Singapore, November, 2012.

Chen, C. Y\*., Fan, M. H.-M., Liang, Y. Y., & Liu, T.C., (2012). Dictionary Types and Word Meaning Acquisition: Exploring Cognitive Load and Cognitive Processes. Paper presented at the 20th International Conference Computers in Education, Singapore, November, 2012.

Liu, T.C. & Fan, M. H.-M.\* , Chen, C.Y. (2012). Cognitive load of incidental vocabulary acquisition: Insights from eye tracking in EFL learners' dictionary look-up processes. Paper presented at the 5th International Cognitive Load Theory Conference, Tallahassee, Florida, U.S.A., April, 2012.

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**PUBLICATIONS  
(cont.)**

- Fan, M. H.-M. (2010). Developing Chinese Orthographic Awareness through the Characters in the Textbooks? Paper presented at American Council on the Teaching of Foreign Languages, Boston, Massachusetts, U.S.A., November, 2010.
- Fan, M. H.-M.\*, & Everson, M. E. (2010). Developing Orthographic Awareness among Beginning Chinese Language Learners: Investigating the Influence of Beginning Level Textbooks. Paper presented at the American Association for Applied Linguists, Atlanta, Georgia, March, 2010.
- Fan, M. H.-M. (2010). Developing Orthographic Awareness through Beginning Level Textbooks: What Insights into Characters do Beginning Textbooks Provide?. Paper presented at Second International Symposium on Chinese Applied Linguistics, Iowa City, Iowa, March, 2010.
- Fan, M. H.-M.\*, & Vispoel, W. (2009). A Meta-Analysis of Comparability of Scores yielded by Computerized and Paper-and-Pencil Reading Tests. Paper presented at the annual meeting of the National Council on Measurement in Education, San Francisco, California, April, 2009.
- Everson, M. E., & Fan, M. H.-M.\* (2008). Which Characters do Beginning Learners Typically See? Paper presented at the First International Symposium on Chinese Applied Linguistics, The Confucius Institute at the University of Iowa, Iowa City, Iowa, April, 2008.
- Fan, M. H.-M. (2004). Comparing Web-based and Paper-based ESL Grammar Tests. Paper presented at the annual meeting of the Graduate Student Forum at Teachers of English to Speakers of Other Languages (TESOL) Convention, Long Beach, California, March, 2004.
- Grant, L., & Fan, M. H.-M.\* (2003). Placement Testing on the Computer: Issues and Obstacles. Paper presented at the Michigan Teachers of English to Speakers of Other Languages (MITESOL) Conference, Ann Arbor, Michigan, November, 2003.
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