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CONTACT DETAILS

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RESEARCH INTEREST

Cognitive neuroscience; cross-linguistic studies of lexical and sentence processing; bilingualism. Of particular current interest is the cognitive and neural mechanism of bilingual word production using both ERP and fMRI techniques.

QUALIFICATIONS

Ph.D. cognitive psychology, Beijing Normal University, Beijing, P.R. China, 2001-2004

Dissertation title: The Lexical Access in L1 and L2 Speech Production: Evidence from Behavioral and ERP Studies with Chinese-English Bilinguals

M.A. cognitive psychology, Beijing Normal University, Beijing, P.R. China, 1998-2001

Thesis title: The Semantic Access Mechanism of Chinese-English Bilinguals' Second Language

B.S. psychology, Beijing Normal University, Beijing, P.R. China, 1994-1998

ACDEMIC & PROFESSIONAL POSTS HELD SINCE GRADUATION

Associate Professor, State Key Laboratory for Cognitive Neuroscience and Learning, Beijing Normal University. Aug. 2007 – present

Research Associate/Visiting Scholar, Department of Psychology, Pennsylvania State University, USA. Mar. 2007 – Dec. 2008

Assistant Professor, State Key Laboratory for Cognitive Neuroscience and Learning, Beijing Normal University. Aug. 2004 – Jul. 2007

RESEARCH FUNDINGS

National Institutes of Health Grant of USA. *Cognitive Processes in Bilinguals*. (Judith F. Kroll (PI), Department of Psychology, Pennsylvania State University, Taomei Guo (CI), State Key Laboratory for Cognitive Neuroscience and Learning, Beijing Normal University), 2008-2013.

National Science Foundation of China. *The Cognitive/Neural Mechanism of Language production in Chinese-English Bilinguals*. (Taomei Guo (PI), State Key Laboratory for Cognitive Neuroscience and Learning, Beijing Normal University). 2007-2009.

Open Project Grant at State Key Laboratory for Cognitive Neuroscience and Learning, Beijing

Normal University. *Cross-language competition in bilingual language production: Comparative studies with Chinese-English bilinguals and Spanish-English Bilinguals*. (Judith F. Kroll (PI), Department of Psychology, Pennsylvania State University, Taomei Guo (CI), State Key Laboratory for Cognitive Neuroscience and Learning, Beijing Normal University), 2006-2008.

Research Grant for Young Faculty Member at Beijing Normal University. *The Neural Mechanism of Language production in less proficient Chinese-English Bilinguals*. (Taomei Guo (PI), State Key Laboratory for Cognitive Neuroscience and Learning, Beijing Normal University). 2004-2006.

Research Grant for Young Faculty Member at State Key Laboratory for Cognitive Neuroscience and Learning, Beijing Normal University. *The Temporal Course of Lexical Access in Chinese-English Bilinguals' Language Production*. (Taomei Guo (PI), State Key Laboratory for Cognitive Neuroscience and Learning, Beijing Normal University). 2004-2006.

MOST RELEVANT AND RECENT PUBLICATIONS

JOURNAL ARTICLES

1. **Guo T.**, Misra M., Tam J., Kroll J. F. On the Time Course of Accessing Meaning in a Second Language: An Electrophysiological and Behavioral Investigation of Translation Recognition. (submitted).
2. Guo J., **Guo T.**, Yan Y., Jiang N., & Peng D. (2009). ERP evidence for different strategies employed by native speakers and L2 learners in sentence processing. *Journal of Neurolinguistics*, 22, 123-134.
3. Kroll J. F., Bobb S.C., Misra M., & **Guo T.** (2008). Language selection in bilingual speech: Evidence for inhibitory processes. *Acta Psychologica*, 128, 416-430.
4. **Guo T.**, Qi Z., Peng D., & Yan Y. (2008). An ERP study of the neural correlates of processing Chinese content words and function words. *Journal of Neurolinguistics*, 21, 267-275.
5. **Guo T.**, & Peng D. (2007). Speaking words in the second language: from semantics to phonology in 170 milliseconds. *Neuroscience Research*, 57, 387-392.
6. Ma Z., **Guo T.** Peng D., & Yan Y. (2007). ERP evidence for neural dissociation of processing Chinese nouns and verbs. *Progress in Natural Science*, 17(Special), 77-80.
7. Wu D., Liu X., **Guo T.**, & Xu F. (2007). Neural correlates of moral judgment of lying: an event-related-potential study. *Progress in Natural Science*, 17 (Special), 144-149.
8. **Guo T.**, & Peng D. (2006). ERP evidence for parallel activation of two languages in bilingual speech production. *NeuroReport*, 17, 1757-1760.
9. **Guo, T.**, Peng, D., & Liu, Y. (2005). The Role of Phonological Activation in the Visual Semantic Retrieval of Chinese Characters, *Cognition*, 98, B21-B34.
10. **Guo, T.**, & Peng D. (2005). The Temporal Course of Semantic and Phonological Activation in Chinese Word Production: An ERP Study. *Acta Psychologica Sinica*, 37, 569-574.
11. Li, R., Peng, D., **Guo, T.**, Wei, J., & Wang, C. (2004). The similarity and difference of N400 potentials elicited by Chinese and English. *Chinese Journal of Psychology*, 46, 1-17.
12. **Guo, T.**, & Peng D. (2003). The Accessing Mechanism of the Less Proficient Chinese-English Bilinguals' Conceptual Representation. *Acta Psychologica Sinica*, 36, 23-28.
13. Li, R., Peng, D., & **Guo, T.** (2003). A Study on Chinese and English Semantic Access with ERP Technology, *Acta Psychologica Sinica*, 36, 309-316.

CONFERENCE PAPERS

14. **Guo T.** (2008). An electrophysiological investigation of reading words in a second language. (oral presentation for SFN, Washington DC, USA).
15. Xiang M., **Guo T.** (2008). Processing the Semantic Distinction between Singular and Plurals -- ERP Evidence. (poster for CNS, San Francisco, USA).
16. **Guo T.** (2007). Semantic information is retrieved earlier than Phonological information in Chinese Word Production: An ERP Study. (poster for Society of Psychophysiological Research annual meeting, Savannah, USA).
17. **Guo T.** (2007). Speaking words in the second language: from semantics to phonology in 170 milliseconds (poster for CNS 2007 annual meeting, New York, USA).
18. **Guo T.** (2006). The temporal course of semantic and phonological activation during the second language production. (poster for the first conference of SW-CNS, 2006, Beijing, China).
19. **Guo T.** (2005). Do Chinese-English bilinguals activate the phonological information of the native language when speaking in the second language (oral presentation for 11th International Conference on Processing Chinese and Other East Asian Languages, Hongkong, China).
20. **Guo T.** (2005). Was the native language activated during the production of the second language: an ERP study with unskilled Chinese-English bilinguals (poster for CNS 2005 annual meeting, New York, USA).
21. **Guo T.** (2004). Differences in Brain Potentials Elicited by Chinese Function and Content Words (oral presentation for ICP2004, Beijing, China).