

# CURRICULUM VITAE

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## PERSONAL DETAILS

Name: Guosheng Ding

Postal address: State Key Laboratory of Cognitive Neuroscience & Learning  
Beijing Normal University  
Beijing, 100875, P. R. China

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## QUALIFICATION

2001 Doctor  
Cognitive Psychology  
Beijing Normal University, P. R. China  
Supervisor: Danling Peng

1998                      Master  
  
Cognitive Psychology  
  
Beijing Normal University, P. R. China  
  
Supervisor: Danling Peng

## PROFESSIONAL EXPERIENCE

August- Now              Professor  
  
2013                      State Key Laboratory of Cognitive Neuroscience & Learning  
  
Beijing Normal University  
  
Beijing, 100875, P. R. China

August- August              Associate Professor  
  
2004              2013              State Key Laboratory of Cognitive Neuroscience & Learning  
  
Beijing Normal University  
  
Beijing, 100875, P. R. China

August- August              Assistant Professor (Lecturer)  
  
2001              2004              Institute of Brain and Cognitive Science  
  
School of Psychology  
  
Beijing Normal University

Beijing, 100875, P. R. China

## **OTHER APPOINTMENTS:**

March-December	Visiting Academic
2008	CSLB(Centre for Speech, Language and the Brain)  Department of Experimental Psychology  University of Cambridge  U.K.
May-August	Visiting Fellow
2002	NIMH (National Institute of Mental Health)  NIH (National Institutes of Health)  Bethesda, MD 20892-1148  U. S. A.
June- September	Visiting Fellow
2000	LRDC (Learning Research and Development Center)  University of Pittsburgh  Pittsburgh, PA, 15260  U. S. A.
August -December	Visiting Fellow & Research Assistant

1998 1999

School of Psychology

University of New South Wales

Sydney 2052, Australia

## RESEARCH INTERESTS

Functional & Structural brain plasticity during language learning and development (e.g. Sign language, Spoken language, Written language); bilingualism.

## GRANT FUNDING

1. A study on the neurocognitive mechanisms of how bilingualism slows brain aging
  - ♥ National Natural Science Foundation of China (NNSF). ref.31571158
  - ♥ Range: 2016.1 - 2019.12
  - ♥ Direct Cost: RMB ¥ 640,000
  - ♥ **Principle Investigator**
2. Effects of diverse long-term bilingual experiences in shaping brain function and anatomy
  - ♥ National Natural Science Foundation of China (NNSF). ref. 31170969
  - ♥ Range: 2012.1 - 2015.12
  - ♥ Direct Cost: RMB ¥ 650,000
  - ♥ **Principle Investigator**
3. The neuroimaging study on the role of early sign-language experience in shaping the structure and function of deaf people's brain
  - ♥ National Natural Science Foundation of China (NNSF). ref. 30870757
  - ♥ Range: 2009.1 - 2011.12
  - ♥ Direct Cost: RMB ¥ 320,000
  - ♥ **Principle Investigator**
4. The cortical plasticity in the process of lexical learning
  - ♥ National Natural Science Foundation of China (NNSF). ref. 30400133
  - ♥ Range: 2005.1 - 2007.12
  - ♥ Direct Cost: RMB ¥ 210,000
  - ♥ **Principle Investigator**

## PUBLICATIONS:

### *Selected Journal Papers (since 2010)*

(\* corresponding author)

1. Li, L., Abutalebi, J., Zou, L., Yan, X., Liu, L., Feng X., Wang, R., Guo, T., **Ding, G\***. (2015). Bilingualism alters brain functional connectivity between “control” regions and “language” regions: evidence from bimodal bilinguals.

*Neuropsychologia*, 71: 236–247.

2. **Ding, G.\***. Code-blending and language control in bimodal bilinguals. (2015).  
*Bilingualism: Language and Cognition*, (In press)
3. Meng, X., You, H., Song, M., Desroches, A.S., Wang Z., Wei, N., Tian, M., Gaab, N., **Ding G.\***. (2015). Neural deficits in auditory phonological processing in Chinese children with English reading impairment. *Bilingualism: Language and Cognition*, (In press).
4. Li Y., Peng D., Liu L., Booth, J.R.\*, **Ding, G.\***. (2014). Brain activation during phonological and semantic processing of Chinese characters in deaf signers. *Frontiers in Human Neuroscience*, 8:21.
5. Abutalebi, J., Della Rosa P. A, **Ding, G.** Weekes, B., Costa, A. Green,D.W. (2013). Language proficiency modulates the engagement of cognitive control areas in multilinguals. *Cortex*, 49, 905- 911.
6. Li, Y., Booth, J.R., Peng, D., Zang, Y., Li, J., Yan, C., **Ding G.\*** (2013). Altered intra- and inter-regional synchronization of superior temporal cortex in deaf people. *Cerebral Cortex*, 23(8):1988-1996
7. Lu C., Chen C, Peng, D., You W., Zhang X., **Ding, G.**, Deng, X. Yan Q.,

- Howell, P. (2012). Neural anomaly and reorganization in speakers who stutter: a short-term intervention study. *Neurology*, 79(7):625-32
8. Zou, L., Abutalebi, J., Zinszer, B., Yan, X., Shu, H., Peng, D., **Ding, G\***. (2012). Second language experience modulates functional brain network for the native language production in bimodal bilinguals. *NeuroImage*, 62(3):1367–1375
9. Deng, Y., Guo, R, **Ding, G\***, Peng, D\*. (2012). Top-down modulations from dorsal stream in lexical recognition: An effective connectivity fMRI study. *Plos One*, 7(3): e33337.
10. Zou, L., **Ding, G\***, Abutalebi, J., Shu, H., Peng, D. (2012). Structural plasticity of the left Caudate in bimodal bilinguals. *Cortex*, 48:1197-1206.
11. Li, Y., **Ding G\***, Booth, J.R., Huang, R., Lv, Y., Zang, Y., He, Y., Peng, D.L\*.(2012). Sensitive period for white matter connectivity of superior temporal cortex in deaf people. *Human Brain Mapping*, 33:349 – 359.
12. Deng, Y., Chou, T.L., **Ding, G.**, Peng, D. Booth, J.R. (2011). The involvement of occipital and inferior frontal cortex in phonological learning of Chinese characters. *Journal of Cognitive Neuroscience*, 23(8): 1998-2012.

13. You, H., Gaab, N., Wei, N., Cheng-Lai, A., Wang, Z., Jian, J., Song M., Meng, X.\*, **Ding, G.\*** (2011). Neural deficits in second language reading: fMRI evidence from Chinese-speaking children with English reading impairment. *NeuroImage*, 57:760-770.
14. Hu, Z., Wang, W., Liu, H., Peng, D., Yang, Y., Li, K., Zhang, J.X.\*, **Ding, G.\***, (2011) . Brain activations associated with sign production using word and picture inputs in deaf signers. *Brain and Language*, 116(2):64-70
15. Lu, C., Chen, C., Ning, N., **Ding, G.**, Guo, T., Peng, D., Yang Y.,Li, K., and Lin, C. (2010). The neural substrates for atypical planning and execution of word production in stuttering. *Experimental Neurology*, 221 (1): 146-156
16. Lu, C., Peng, D., Chen, C., Ning, N., **Ding, G.**, Liu, H., Li, K., Yang Y., and Lin, C. (2010). Altered Effective Connectivity and Anomalous Anatomy in the Basal Ganglia-Thalamocortical Circuit of Stuttering Speakers. *Cortex*, 46(1):49-67

***Book & Chapter:***

1. Ding G., Li, T. (2006). *A course of SPSS: From experimental design to data analysis*. Beijing: Mechanical Industry Press.



2. **Ding G.** (2012) *Consciousness and Attention*, in Danling Peng ed. "General Psychology" (4<sup>nd</sup> edition), Chapter Five. Beijing: The press of Beijing Normal University, Beijing, pp202-227
3. **Ding G.** (2012) *Life-long development of human being*, in Danling Peng ed. "General Psychology" (4<sup>nd</sup> edition), Chapter Fourteen. Beijing: The press of Beijing Normal University, pp577-610