

战立侃

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职业经历

- 2014.10 ~ 现在
北京语言大学语言康复学院
语言病理与脑科学研究所，助理研究员

教育经历

- 2010.10 ~ 2014.09
澳大利亚麦考瑞大学，认知科学专业，哲学博士
- 2007.09 ~ 2010.07
北京语言大学，认知心理学专业，教育学硕士
- 2000.09 ~ 2004.07
北京语言大学，对外汉语教学专业，文学学士

教学经历

- 行为科学统计学（本科生 + 硕士研究生），[更多...](#)
- R 语言与数据统计和数据可视化（硕士研究生 + 博士研究生），[更多...](#)
- 认知神经科学导论（硕士研究生 + 博士研究生），[更多...](#)
- 医学文献检索与导读（本科生），[更多...](#)

专业技能

- 统计。我讲授了两门面向研究生和本科生的统计学课程。我有丰富 R 语言使用经验，尤其是 R 语言统计分析和统计作图。下面是一些我经常使用的 R 语言拓展包：

[data.table](#)、[dplyr](#)、[ggplot2](#)、[car](#)、[lme4](#)、和 [gam](#) 等。在教学和研究的过程中，我还自己编写了一个 R 语言拓展包 [acqr](#)。

- 实验技能。我熟悉用于刺激呈现的各类行为科学研究软件，如 [E-prime](#)、[Psychopy](#)、[Psychtoolbox](#)、和 [Presentation](#) 等。我有近十年的眼动仪使用经验，尤其是加拿大 SR Research 公司生产的 *Eyelink III/1000 plus* 型眼动仪和相关软件系统如 *Experiment Builder* 和 *Data Viewer*。我还负责建立了中国第一台儿童脑磁图仪系统，熟悉日本 Yokogawa 脑磁图仪的硬件系统、系统维护和数据收集。脑磁图仪数据分析方面，我熟悉 *BESA* 系统和 Matlab 下的分析软件包 [fieldtrip](#) 和 *SPM12*。
- 写作技能。我喜欢用 Latex、Markdown、和 R Markdown 等现代书写工具写作。我还用 [hugo](#) 和 [blogdown](#) 两种软件系统创建了我自己的个人网站：<https://likan.info>。

研究项目和奖励

1. 项目

- 2015 - 2016: 可能世界语义学的实验研究，北京语言大学博士科研启动金 (15YBB29), 2 万元
- 2015 - 2016: 普通心理学，北京语言大学新任教师支持基金 (FD201530), 0.7 万元
- 2015 - 2016: 现代汉语声调习得研究，北京语言大学学院级项目 (15YJ050003), 7 万元
- 2010 - 2014: 自然语言中条件句的理解，麦考瑞大学认知科学博士生项目，1 万澳元
- 2013.10: 自然语言中条件句假设特征研究，麦考瑞大学博士生研究基金，0.46 万澳元

2. 奖励

- 2013.11: 第 38 届波士顿儿童语言发展研讨会，旅行奖励 300 美元
- 2013.04: 第 26 届纽约城市大学句子加工会议，旅行奖励 350 美元

出版物

1. 专著

- **Zhan, L.** (2015). *The Interpretation of Conditionals in Natural Language*. Saarbrücken, Germany: Lap Lambert Academic Publishing.

2. 杂志论文

- Zhou, P., **Zhan, L.**, & Ma, H. (2018). Predictive language processing in preschool children with Autism Spectrum Disorder: An eye-tracking study. *Journal of Psycholinguistic Research*. doi:10.1007/s10936-018-9612-5 ([PDF](#))
- **Zhan, L.** (2018). Using eye movements recorded in the visual world paradigm to explore the online processing of spoken language. *Journal of Visualized Experiments*, 140, e58086. doi: 10.3791/58086 ([PDF](#))
- Zhou, P., Ma, W., **Zhan, L.**, & Ma, H (2018). Using the visual world paradigm to study sentence comprehension in Mandarin-speaking children with autism. *Journal of Visualized Experiments*, 140, e58452. doi: 10.3791/58452 ([PDF](#))
- **Zhan, L.**, Zhou, P., & Crain, S. (2018). Using the visual-world paradigm to explore the meaning of conditionals in natural language. *Language, Cognition and Neuroscience*, 33(8), 1049-1062. doi: 10.1080/23273798.2018.1448935 ([PDF](#))
- **Zhan, L.** (2018). Scalar and ignorance inferences are both computed immediately upon encountering the sentential connective: The online processing of sentences with disjunction using the visual world paradigm. *Frontiers in Psychology*, 9. doi: 10.3389/fpsyg.2018.00061 ([PDF](#))
- Moscati, V., **Zhan, L.**, & Zhou, P. (2017). Children's on-line processing of epistemic modals. *Journal of Child Language*, 44(5), 1025-1040. doi: 10.1017/S0305000916000313 ([PDF](#))

- **Zhan, L.**, Crain, S., & Zhou, P. (2015). The online processing of only if- and even if-conditional statements: Implications for mental models. *Journal of Cognitive Psychology*, 26(7), 367-379. doi: 10.1080/20445911.2015.1016527 (PDF)
- Zhou, P., Crain, S., & **Zhan, L.** (2014). Grammatical aspect and event recognition in children's online sentence comprehension. *Cognition*, 133(1), 262-276. doi: 10.1016/j.cognition.2014.06.018 (PDF)
- Zhou, P., Crain, S., & **Zhan, L.** (2012). Sometimes children are as good as adults: The pragmatic use of prosody in children's on-line sentence processing. *Journal of Memory and Language*, 67(1), 149-164. doi: 10.1016/j.jml.2012.03.005 (PDF)
- Zhou, P., Su, Y., Crain, S., Gao, L., & **Zhan, L.** (2012). Children's use of phonological information in ambiguity resolution: a view from Mandarin Chinese. *Journal of Child Language*, 39(04), 687-730. doi: 10.1017/S0305000911000249 (PDF)

3. 会议论文集

- **Zhan, L.** (2018). Magnetoencephalography (MEG) as a Technique for Imaging Brain Function and Dysfunction. In *Top 10 Contributions on Psychology* (Chapter 4, pp. 1-38). Telangana, India: Avid Science
- **Zhan, L.**, Crain, S., & Zhou, P. (2013). The anticipatory effects of focus operators: A visual-world paradigm eye-tracking study of "only if" and "even if" conditionals. In N. Goto, K. Otaki, A. Sato, & K. Takita (Eds.), *Proceedings of GLOW in Asia IX 2012*. Mie University, Japan.

4. 大会报告或受邀报告

- **Zhan, L.** (2018, December). *Sentential Reasoning and Sentential Connectives: Conditional, Disjunction, Negation, and Modality*. Invited presentation given at the Workshop of Theoretical and Experimental Linguistics, Tsinghua University, Beijing, China. (PDF)
- **Zhan, L.** (2018, November). *Methods of Cognitive Neuroscience: Focus on Language*. Invited presentation given at the Child Cognition Laboratory, Department of Foreign Languages and Literatures, Tsinghua University, Beijing, China. (PDF)

- **Zhan, L.** (2018, November). *Visual world paradigm: An eye-tracking technique to study the real time processing of spoken Language*. Invited presentation given at the Center for Studies of Chinese as a Second Language, Beijing Language and Culture University, Beijing, China. ([PDF](#))
- **Zhan, L.** (2018, October). *Experimental Builder: A What-You-See-Is-What-You-Get tool to build experiment scripts*. Invited presentation given at the Center for Studies of Chinese as a Second Language, Beijing Language and Culture University, Beijing, China. ([Example materials](#))
- **Zhan, L.** (2017, September). *Scalar implicature and ignorance inference are both locally computed: Evidence from the online processing of disjunctions using the visual world paradigm*. Paper presented at the Second High-level Forum on Cognitive Linguistics, University of International Business and Economics, Beijing, China. ([PDF](#))
- **Zhan, L.,** Crain, S., & Zhou, P. (2013, November). *Going beyond the information that is perceived: The hypothetical property of if-conditionals in Mandarin Chinese*. Paper session presented at the Second International Conference on Psycholinguistics in China, Fuzhou, China.
- Moscati, V., **Zhan, L.,** & Zhou, P. (2013, November). *Reasoning on possibilities: An eye tracking study on modal knowledge*. Poster session presented at the 38th Annual Boston University Conference on Language Development, Boston University, MA.
- Zhou, P., Crain, S., & **Zhan, L.** (2013, November). *Anticipatory eye movements in children's processing of grammatical aspect*. Poster session presented at the 38th Annual Boston University Conference on Language Development, Boston University, MA.
- **Zhan, L.,** Crain, S., & Zhou, P. (2013, March). *The hypothetical property of "if"-statements: A visual- world paradigm eye-tracking study*. Poster session presented at CUNY2013: The 26th annual CUNY Sentence Processing Conference, Columbia, SC.
- **Zhan, L.,** Crain, S., & Zhou, P. (2012, July). *The interpretation of conditionals*. Paper presented at the 7th International Conference on Thinking (ICT2012), Birkbeck/UCL, London, UK.

- Zhou, P., Crain, S., & **Zhan, L.** (2012, March). *Children's pragmatic use of prosody in sentence processing*. Poster session presented at the 35th Generative Linguistics in the Old World (GLOW) Workshop: Production and Perception of Prosodically-Encoded Information Structure, University of Potsdam, Potsdam, Germany.
- **Zhan, L.**, Crain, S., & Khlentzos, D. (2011, August). *The basic semantics of conditionals in natural language*. Paper presented at the Harvard-Australia Workshop on: Language, Learning and Logic, Macquarie University, Sydney, Australia.
- Zhou, P., Crain, S., Gao, L., & **Zhan, L.** (2010, September). *The role of prosody in children's focus identification*. Paper presented at the Generative Approaches to Language Acquisition - North America 4 (GALANA- 4), Toronto, Canada.
- Zhou, P., Su, Y., Crain, S., Gao, L., & **Zhan, L.** (2010, August). *Children's use of prosodic information in ambiguity resolution*. Paper presented at the 8th Conference of Generative Linguistics in the Old World Asia (GLOW-in-Asia 8), Beijing, China.