Curriculum Vitae

Xingshan Li

Professor，Institute of Psychology, Chinese Academy of Sciences

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Education
2005-2007 Ph. D.   University of Massachusetts at Amherst, Psychology
2003-2005 M.S.   University of Massachusetts at Amherst, Psychology
1999-2002 M.E.   Southeast University, China, Biomedical Engineering.
1988-1992 B.E.   University of Electronic Science and Technology, China
Major: Electronic Engineering, Minor: Computer Science.

Research Experience
2009-current Professor of Psychology at Institute of Psychology, Chinese
Academy of Sciences
2007-2009 Postdoc research association, Department of Psychology,
Vanderbilt University, working with Gordon Logan.
2006-2007 Research Assistant, Visual Attention and Cognition Lab,
University of Massachusetts Amherst. Working for a project from Office of
Homeland Security.
2004-2005 Research Assistant, Eye Tracking Lab, University of
Massachusetts Amherst. Working for a project from Microsoft.
2002-2003 Research assistant, Department of Psychology, University of
Southampton (UK), Professors Kyle Cave and Keith Rayner.
1999-2002 Research assistant, Biocomputing and Machine Intelligence Lab,
Southeast University.
1992-1999 Software Engineer, Research & Development Center, Huaguang
Communication Equipment Co., Ltd, China

Honors:
2002-2003 Overseas Research Students Awards, Universities UK
2010 Hundred talent program of Chinese Academy of Sciences
2011 Best Article Award of Psychonomics Society.
2014 Excellent Graduate Student Supervisor Award, Awarded by Chinese
Academy of Sciences
2015 Core Backbone Research Fellow of Chinese Academy of Sciences
2016 Excellent Graduate Student Supervisor Award, Awarded by Chinese
Academy of Sciences

Academic Services
Editing board of Acta Psychologica Sinica (2012-current)
Editing board of Advances in Psychological Science (2011-current)
Co-Chair of the Sixth Chinese International Conference of Eye Movements (CICEM, 2014)
Director, Division of Cognitive and Developmental Psychology, Institute of Psychology, Chinese Academy of Sciences (November, 2015-current).
Director, Key Laboratory of Behavioral Science, Chinese Academy of Sciences (December, 2015-current).
Co-chair of Academic Committee, 7th China International Conference on Eye Movements, CiCEM2016.

Membership
Association for Psychological Science (APS).
Vision Science Society (VSS).
Psychonomics Society
Chinese Psychological Society.

Programming Skills
C++, C, Matlab

Teaching Experience
2004 Spring, Teaching assistant for Cognitive Psychology.
2003 Fall, Teaching assistant for Introductory Psychology.

Ad Hoc Journal Reviewer
Acta Psychologica
Attention, Perception & & Psychophysics
Behavior Research Method
Brain and Language
Brain Research
Cognition
Cognitive Psychology
Journal of Cognitive Neuroscience
Journal of Experimental Psychology: Human Perception and Performance
Journal of Experimental Psychology: Learning, Memory and Cognition
Journal of Memory and Language
Journal of Research in Reading
Memory & Cognition
Neuropsychologia
Plos One
Psychonomic Bulletin & Review
Psychological Review
Quarterly Journal of Experimental Psychology
Reading and Writing

Visual Cognition
Vision Research

<u>Research Interest</u>

Chinese reading; eye movement control; scene perception; decision making

<u>Grants</u>

2009, Startup grant from the Institute of Psychology, Chinese Academy of Sciences, RMB 1,000,000. (PI)

2010.1-2013.12 Word segmentation during Chinese reading. A grant from the Knowledge Innovation Program of the Chinese Academic Sciences (KSCX2-YW-BR-6), RMB 2,000,000. (PI)

2011.1-2013.12 The mechanism of word segmentation during Chinese reading. A grant from the Natural Science Foundation of China (Grant no. 31070904), RMB 330,000. (PI)

2012.1-2013.12 The effect of printing format on the performance of reading. A grant from Founder Apabi Technology Limited Company, RMB 100,000. (PI)

2014.1-2014.12 A grant to support CICEM2014 from the Natural Science Foundation of China (Grant no.), RMB 60,000. (PI)

2014.1-2015.12 A grant from the Institute of Psychology, Chinese Academy of Science, RMB 380,000 (PI).

2015.9-2017.12 Language problem of Chinese agricultural transfer population. A grant from the Institute of Psychology, Chinese Academy of Sciences. RMB 950,000 (PI)

2016.2.1-2017.1.31. International Partnership and Mobility Scheme 2015, The British Academy, £7,850. (coPI).

2016.1.1-2019.12.31 Ambiguity resolution during Chinese word segmentation. Natural Science Foundation of China (Grant no. 31571125), RMB 780,000. (PI)

2016.1.1-2019.12.31 Combining active vision with multimodal speech comprehension, Natural Science Foundation of China (NSFC) and the German Research Foundation (DFG), Subproject C5 in Project Cross modal Learning, NSFC 61621136008 / DFC TRR-169, RMB 1,000,000 (direct

cost) for this subproject. (PI)

Publications

Peer-review papers in English

Lou, Y., Liu, Y., Kaakinen, J. K , & Li, X. (2016). Using support vector machines to identify literacy skills: Evidence from eye movements. Behavior Research Methods. doi: 10.3758/s13428-016-0748-7.

Ma, G., Pollatsek, A., Li, Y., & Li, X. (2016). Chinese readers can perceive a word even when it's composed of noncontiguous characters. *Journal of Experimental Psychology: Learning, Memory and Cognition.* http://dx.doi.org/10.1037/ xlm0000298

Shen, W., Qu, Q., & Li, X. (2016). Semantic information mediates visual attention during spoken word recognition in Chinese: Evidence from the printed-word version of visual-world paradigm. *Attention, Perception, & Psychophysics, 78*, 1267-1284.

Zhou, L., Zhang, Y., Wang, Z., Rao, L., Wang, W., Li, S., Li, X., Liang, Z. (2016). A Scanpath Analysis of the Risky Decision-Making Process. *Journal of Behavioral Decision Making, 29,* 169-182..

Liu, Y., Reichle, E. & Li, X. (2016). The effect of word frequency and parafoveal preview on saccade length during the reading of Chinese. *Journal of Experimental Psychology: Human Perception & Performance,* doi：http://dx.doi.org/10.1037/xhp0000190.

Qu, Q.Q., Damian, M. F., & Li, X. (2015). Phonology contributes to writing: Evidence from a masked priming task. *Language, Cognition, and Neuroscience*, *31*(2), 251-264. DOI: 10.1080/23273798.2015.1091086.

Lin, N., Wang, X., Zhao, Y., Liu, Y., Li, X., & Bi, Y. (2015). Premotor cortex activation elicited during word comprehension relies on access of specific action concepts. *Journal of Cognitive Neuroscience*. *27*, 2051-2062.

Luo, C., Dell' Acqua, R., Proctor, R. W., & Li, X. (2015). Lack of visual field asymmetries for spatial cueing in reading parafoveal Chinese characters. *Psychonomic Bulletin & Review*. Advanced online publication. DOI 10.3758/s13423-015-0852-1

Ma, G., Li, X., & Rayner, K. (2015). Readers extract character frequency information from nonfixated-target word at long pre-target fixations during

Chinese reading. *Journal of Experimental Psychology: Human Perception and Performance, 41,* 1409-1419.

Liu, Y., Reichle, E.D., & Li, X. (2015). Parafoveal Processing Affects Outgoing Saccade Length During the Reading of Chinese.*Journal of Experimental Psychology: Learning, Memory and Cognition, 41*, 1229-1236.

Lin, N., Bi, Y., Zhao, Y., Luo, C., & Li, X. (2015). The theory-of-mind network in support of action verb comprehension: Evidence from an fMRI study. *Brain and Language*, *141,* 1-10.

Ma, G., Li, X., & Pollatsek, A. (2015). There is no relationship between the preferred viewing location and word segmentation in Chinese reading. *Visual Cognition*, *23(3),* 399-414

Ma, G., & Li, X. (2015). How character complexity modulates eye movement control in Chinese reading. *Reading and Writing*, *28,* 747-761.

Li, X., Liu, P., & Rayner. (2015). Saccade target selection in Chinese reading. *Psychonomic Bulletin & Review*, *22*(2), 524-530

Gu, J., Li, X., & Liversedge, S.P. (2015). Character order processing in Chinese reading. *Journal of Experimental Psychology: Human Perception & Performance, 41*(1), 127-137

Liu, P., Li, X., & Han, B. (2015). Additive effects of stimulus quality and word frequency on eye movements during Chinese reading. *Reading and Writing*, *28,*199-215.

Gu, J., & Li, X. (2015). The effects of character transposition within and across words in Chinese reading. *Attention, Perception, & Psychophysics*, *77*, 272-281.

Liu, P., Li, W., Han, B., & Li, X. (2014). Effects of anomalous characters and small stroke omissions on eye movements during the reading of Chinese sentences. *Ergonomics, 57*, 1659-1669.

Luo, C., Proctor, R. W., Weng, X., & Li, X. (2014). Spatial Stroop interference occurs in the processing of radicals of ideogrammic compounds. *Psychonomic Bulletin & Review*, *21*, 715-720.

Ma, G., Li, X., & Rayner, K. (2014). Word segmentation of overlapping ambiguous strings during Chinese reading. *Journal of Experimental Psychology: Human Perception and Performance*, *40*, 1046-1059.

Li. X., Bicknell, K., Liu, P., Wei, W., & Rayner, K. (2014). Reading is fundamentally similar across disparate writing systems: A systematic characterization of how words and characters influence eye movements in Chinese reading. *Journal of Experimental Psychology: General, 143,* 895-913.

Liu, P. & Li, X. (2014). Inserting Spaces Before and After Words Affect Word Processing Differently: Evidence from Eye Movements. *British Journal of Psychology*, *105*, 57–68

Su, Y., Rao, L., Sun, H., Du, X., Li, X., Li, S. (2013). Is making a risky choice based on a weighting and adding process? An eye-tracking investigation. *Journal of Experimental Psychology: Learning, Memory and Cognition*, *39(6),* 1765-1780, doi: 10.1037/a0032861

Li, X., Gu, J. J., Liu, P. P., & Rayner, K. (2013). The advantage of word-based processing in Chinese reading: Evidence from eye movements. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *39(3),* 879-889.doi: 10.1037/a0030337

Du, F., Qi, Y., Li, X., Zhang, K. (2013). Dual Processes of oculomotor capture by abrupt onset: Rapid involuntary capture and sluggish voluntary prioritization, *PLoS ONE, 8*(11): e80678.

Li, X., & Shen, W. (2013). Joint effect of insertion of spaces and word length in saccade target selection in Chinese reading. *Journal of Research in Reading, 36, S64-S77.* doi: 10.1111/j.1467-9817.2012.01552.x

Wei, W., Li, X., & Pollatsek, A. (2013). Properties of fixated words affect outgoing saccade length in Chinese reading. *Vision Research*, *80,* 1-6. doi: 10.1016/j.visres.2012.11.015

Liu, P. & Li, X. (2013). Optimal viewing position effects in the processing of isolated Chinese words. *Vision Research, 81,* 45-57

Liu, P., Li, W., Lin, N., Li, X. (2013). Do Chinese readers follow the national standard rules for word segmentation during reading? *PLoS ONE, 8(2)*: e55440. doi:10.1371/journal.pone.0055440

Menneer, T., Stroud, M.J., Cave, K. R., Li, X., Hayward J. Godwin, H. J., Liversedge, S. P. & Donnelly, N. (2012). Search for two categories of target produces fewer fixations to target-color items. *Journal of Experimental Psychology: Applied, 18*(4), 404-418

Li, X., Ma, G. (2012). Word Boundaries Affect Visual Attention in Chinese Reading. *PLoS ONE, 7(11):* e48905. doi:10.1371/journal.pone.0048905

Chen, L., Li, X., Yang, Y. (2012). Focus, Newness and Their Combination: Processing of Information Structure in Discourse. *PLoS ONE, 7(8)*: e42533.doi:10.1371/journal.pone.0042533.

Su, Y., Rao, L., Li , X., Wang, Y. & Li, S. (2012). From Quality to Quantity: The Role of Common Features in Consumer Preference. *Journal of Economic Psychology, 33*, 1043-1058.

Li, X., Zhao, W., & Pollatsek, A. (2012). Dividing lines at the word boundary position helps reading in Chinese. *Psychonomic Bulletin & Review, 19*, 929-934. DOI 10.3758/s13423-012-0270-6

Li, X., Liu, P., & Rayner, K. (2011). Eye movement guidance in Chinese reading: Is there a preferred viewing location? *Vision Research*, *51,* 1146-1156.

Li, X., & Pollatsek, A. (2011). Word knowledge influences character perception. *Psychonomic Bulletin & Review*, *18(5)*, 833-839.

Li, X., Logan, G.D., Zbrodoff, N. J. (2010). Where do we look when we count? The role of eye movements in enumeration. *Attention, Perception, & Psychophysics*, *72,* 409-426.

Li, X., Rayner, K., & Cave, K. (2009). On the segmentation of Chinese words during reading. *Cognitive Psychology*, *58,* 525-552.

Li, X., & Logan, G. D. (2008). Object-based attention in Chinese readers of Chinese words: Beyond Gestalt principles. *Psychonomic Bulletin & Review*, *15,* 945-949. (see *Attention, Perception, & Psychophysics*, 2009, 71(1), 3 for an introduction of this work.)

Evans, K., Rotello, C.M., Li, X., & Rayner, K. (2009). Scene perception and memory revealed by eye movements and ROC analyses: Does a cultural difference truly exist? *Quarterly Journal of Experimental Psychology, 62(2)*, 276-85.

Li, X., Cave, K.R., & Wolfe, JM. (2008). Kanizsa-type subjective contours do not guide attentional deployment in visual but line termination contours do. *Perception & Psychophysics*, *70,* 477-488.

Li, X., Rayner, K., Williams, C.C., Cave, K.R., & Well, A.D. (2007). Eye movements and individual differences. *Visual Cognition. 15(1)*, 105-108.

Rayner, K., Li, X., & Pollatsek. A. (2007). Extending the E-Z Reader model of eye movement control to Chinese reading. *Cognitive Science, 31,* 1021-1033.

Rayner, K., Li, X., Williams C.C., Cave, K. R., & Well, A.D. (2007). Eye movements during information processing tasks: Individual differences and cultural effects. *Vision Research, 47,* 2714-2726.

Rayner, K., Li, X., Juhasz, B.J., & Yan, G. (2005). The effect of word predictability on the eye movements of Chinese readers. *Psychonomic Bulletin & Review*, *12(6),* 1089-1096.

Peer-review papers in Chinese

Wei, Z. & Li, X. (2015). Decision process tracing: Evidence from eye-movement Data. *Advances in Psychological Science, 23*, 2029-2041.

Fang, F., Jiang, Y., Li, X., Liu, X., Yang, J., & Zhou, W. (2012). Cognitive Psychology: A Discipline Investigating Human Intelligence. Behavior. *Bulletin of Chinese Academy of Sciences*, *27,* supplementary issue.13-21.

Shen, W. & Li, X. (2012). The uniqueness of word superiority effect in Chinese reading. *Chinese Science Bulletin, 57*(35).3414-3420.

Ma, G., & Li, X. (2012). Attention allocation during reading: sequential or parallel. *Advances in Psychological Science*, *20*(11).1755–1767.

Liu, X., Wu, Y., Li, X., Jiang, Y., Zhou, W., & Fang, F.

(2011).Cognitive Psychology：Foundations for Understanding Brain, Mind,

and Behavior. *Bulletin of Chinese Academy of Sciences*, *26*(6), 620-629.

Li, X., Liu, P. & Ma, G. (2011). Advances in cognitive mechanisms of word segmentation during Chinese reading. *Advances in Psychological Science*, *19*(4), 459-470

Li, X., Sun, X., & Yuan, C. (2002). Automatic Gene Chip Image Grid Localization Using Genetic Algorithm. *Acta Biophysica Sinica*, *18*, 223-226.

Book Chapters

Li, X., Zang, C., Liversedge, S.P., & Pollatsek, A. (2015). The Role of Words in Chinese Reading. In A. Pollatsek, & T. Rebecca (Eds.), *The*

Oxford Handbook of Reading. New York, NY: Oxford University Press. DOI: 10.1093/oxfordhb/9780199324576.013.14

Li, X., Rayner, K., Williams, C.C., Cave, K.R., & Well, A.D. (2008). How stable are eye movements across different cognitive activities? In K.Rayner, D. Shem, X. Bai, & G. Yan (Eds). *Cognitive and Cultural Influences on Eye Movements.* Tianjin People's Press/Psychology Press.

Rayner, K., Li, X., & Pollatsek, A. (2008). Simulating the eye movements of Chinese readers. In K.Rayner, D. Shem, X. Bai, & G. Yan (Eds). *Cognitive and Cultural Influences on Eye Movements*. Tianjin People's Press/Psychology Press.

Cave, K.R., Cohen, A., Rotello, C., McCaffrey, A., Zeng, M., Li, X., Zivot, M., Chang, K., & Ross, M. (2008). Using eye movements to understand complex visual comparisons.   In K.Rayner, D. Shem, X. Bai, & G. Yan (Eds). *Cognitive and Cultural Influences on Eye Movements.* Tianjin People's Press/Psychology Press.

Li, X., & Yuan, C.W. (2001), Object Detection Simulating Visual Attention. In *Active Media Technology*. Liu J., Yuen, P.C., Li C.H., Ng, J., & Ishida (Eds), 2001: 199-204. Springer Berlin / Heidelberg

Conference Presentations

Li, X. (2016). Eye guidance in Chinese reading. Researcher Links Workshop: Improving Literacy: Understanding reading development and reading difficulties across the lifespan. September 21-23, 2016. (invited speaker).

Li, X. (2016). Advances of word segmentation research during Chinese reading. The First International Workshop of Reading Science: Our Current Understanding and Future Directions on Chinese Reading. June 19, 2016, Guangzhou. (invited speaker).

Li, X. (2016). Cognitive processes of word segmentation during Chinese reading. Workshop on Corpus and Empirical Linguistics. June 15-19, 2016, Hongkong. (Invited speaker).

Li. X. (2016). Modeling eye movement control during Chinese reading. 7th China International Conference on Eye Movements (CICEM2016). Changchun, China, May 28-30, 2016. (key note speaker).

Li, X. (2015). Modeling eye movement control during Chinese reading. 18th European Conference on Eye Movements (ECEM), Vienna, Austria, August16-21, 2015. (talk)

Qu, Q. Q., Shen, W., Wang, M. & Li, X. (2015). Chinese invidicuals use orthography knowledge in spoken word recognition. 18th European Conference on Eye Movements (ECEM), Vienna, Austria, August16-21, 2015. (talk)

Shen. W., Qu, Q., & Li, X. (2015). Semantic information could mediate visual attention during spoken word recognition in Chinese. 18th European Conference on Eye Movements (ECEM), Vienna, Austria, August16-21, 2015. (talk)

Li, X. (2015). Word segmentation in Chinese reading. 22nd Annual Meeting of Society for the Scientific Study of Reading, Hawaii, USA. July 15-18, 2015. (poster).

Li, X. (2015). Advances in the research on word segmentation in Chinese reading. Founding Conference of the Society of Linguistic Psychology of China, Beijing, China. June 26, 2015. (invited speaker).

Li, X. (2015). My research experience on working with Professor Keith Rayner. The 3nd workshop on eye tracking and commemoration of Keith Rayenr, Tianjin. (invited speaker).

Li, X. (2014). Where do Chinese readers move their eyes during reading? Psychonomic Society Annual Scientific Meeting, Long Beach, CA, USA. (talk).

Li, X. (2014). Saccade target selection strategy during Chinese reading. The 6th Chinese International Conference on Eye Movements, Beijing, China. (invited speaker).

Ma, G. Li, X. (2014). The null relationship between preferred viewing location and word segmentation in Chinese reading. The 6th Chinese International Conference on Eye Movements, Beijing, China. (talk).

Liu, Y. & Li, X. (2014). Parafoveal processing affects outgoing saccade length during Chinese reading. The 6th Chinese International Conference on Eye Movements, Beijing, China. (talk).

Qu, Q., Wei, W. & Li, X. (2014). Eye movements during written word production. The 6th Chinese International Conference on Eye Movements, Beijing, China. (talk).

Liu, P., & Li, X. (2014). Effects of typographical errors on forward saccade targeting during Chinese reading. The 6th Chinese International Conference on Eye Movements, Beijing, China. (talk).

Li, S., Zhou, L., Liang, Z., & Li, X. (2014).   Process test of risky decision making: Evidence from eye tracking. The 6th Chinese International Conference on Eye Movements, Beijing, China. (talk).

Gu, J. and Li, X. (2014): Character order encoding within and across words in Chinese reading. The 6th Chinese International Conference on Eye Movements, Beijing, China. (talk).

Shen, W. & Li, X. (2014). Similar mental representation for homonymy and polysemy - Evidence from Chinese ambiguous words The 6th Chinese International Conference on Eye Movements, Beijing, China. (poster).

Chen, L., Li, X. & Yang, Y (2014). The impact of linguistic cues on sentence integration. The 6th Chinese International Conference on Eye Movements, Beijing, China. (poster).

Wang, Y., Cohen, A., & Li, X. (2014). Risk Perception and Decision with Real Money in U.S. and China with Eye-Tracking. The 6th Chinese International Conference on Eye Movements, Beijing, China. (talk).

Lou, Y. & Li, X. (2014). Eye movements reflect reading comprehension skill in Chinese reading. The 6th Chinese International Conference on Eye Movements, Beijing, China. (poster).

Li, X. (2013). Processing based eye movement strategy in Chinese reading. 17th European Conference on Eye Movements. Lund, Sweden. (talk)

Gu, J. & Li, X. (2013). Character position encoding in Chinese reading. 17th European Conference on Eye Movements. Lund, Sweden. (talk)

Ma, G. & Li, X. (2013). Two stages of processing during the segmentation of overlapping ambiguous strings in Chinese reading. 17th European Conference on Eye Movements. Lund, Sweden. (poster)

Li, X. (2013). Word segmentation in Chinese reading.   Workshop "Recent Progress in the computational modelling of Chinese reading".   Maynooth, Ireland. (invited speaker).

Li, X., Gu, J. & Liu, P. (2012). Advantage of word-based processing in Chinese reading: Evidence form eye movements. The 5th Chinese International Conference on Eye Movements, Dalian, China.

Ma, G. & Li, X. (2012). Word frequency affects the segmentation of spatially ambiguous words during Chinese reading. The 5th Chinese International Conference on Eye Movements, Dalian, China. (talk)

Wei, W. & Li, X. (2012). Properties of fixated words affect outgoing saccade length in Chinese Reading. The 5th Chinese International Conference on Eye Movements, Dalian, China.   (talk)

Liu, P. & Li, X. (2012). Eye movement control during Chinese reading: effects of working memory load and word frequency. The 5th Chinese International Conference on Eye Movements, Dalian, China.(poster).

Gu, J. & Li, X. (2012). Transposed-character effects in Chinese reading. The 5th Chinese International Conference on Eye Movements, Dalian, China. (poster)

Shen, W. & Li, X. (2012). Does inter-word space affect saccade target selection in Chinese reading? The 5th Chinese International Conference on Eye Movements, Dalian, China. (poster).

Li, X. S., Gu, J. J., Liu, P. P., & Rayner, K. (2012). The Psychological reality of words in Chinese reading: Evidence from eye movements. Poster presented at 53th Meeting of the Psychonomic Society, Minneapolis, MN.

（poster）

Li, X. (2011). Visual attention deployment in Chinese reading. OPAM. 2011-11-3. (poster)

Li, X. (2011). The mechanism of word segmentation during Chinese reading. Chinese language processing symposium. Beijing. 2011-4-22. (talk)

Li, X. (2011). Attentional Deployment in Chinese Reading, Cognitive Science Beijing Symposium, Beijing. 2011-6-17. (talk)

Li, X., Liu, P. P., Rayner, K.(2010). Eye guidance in Chinese reading. Poster presented at 51th Meeting of the Psychonomic Society, St. Louis, Mo.

（poster）

Li, X. (2009). Word knowledge influences character perception sensitivity. Psychonomics Society Meeting, Boston, MA.   (poster) *pdf*

Menneer, T., Li, X., Stroud, M. J., Butler, C. A., Cave, K. R. & Donnelly, N. (2008). Visual search for two categorical targets: Eye-movements reveal a

reduction in guidance. 25th Anniversary BPS Cognitive Section Conference. Southampton, UK. (talk)

Li, X. & Logan, G. D. (2008). How does word knowledge influence whole report? Psychonomics Society Meeting, Chicago, IL.   (talk)

Li, X. & Logan, G.D. (2008). Object-based attention: Beyond Gestalt principles. VSS. Naples, Florida. (talk)

Chang, K., Rottllo, C., Li, X. & Rayner, K (2008). Scene perception and memory revealed by eye movements and ROC analysis: Does a cultural difference truly exist? VSS. Naples, Florida. (poster)

Menneer, T., Li, X., Stroud, M., Butler, C., Cave, K., Nick, D. (2008). The effect of practive on top-down guidance in visual search for two types of complex target: Evidence from eye movements. VSS. Naples, Florida. (poster)

Li, X., Rayner, K., & Cave, K.R. (2007). The influence of object segmentation on perception. Poster to be presented at OPAM, Long Beach, November 15, 2007. (poster)

Li, X., Cave, K.R., & Rayner, K. (2007). Differences between covert attention and eye movements in top-down and bottom-up interaction. Talk to be presented at Psychnomics meeting, Long Beach, November, 16, 2007. (talk)

Li, X., & Cave, K.R. (2006). Separate attention control system for the top-down and bottom-up factors. Talk presentation at Psychnomics meeting, Houston, November, 2006. (talk)

Li, X., Rayner, K., Williams, C.C., Cave, K.R., & Well, A.D. (2006).   Eye movements and individual differences. Talk presentation at OPAM meeting, Houston, November, 2006. (talk)

Li, X., Rayner, K., Williams C.C., Cave, K. R., & Well, A.D (2006). Eye movement differences between Chinese and English speakers. Talk presented at the Second Chinese Conference on Eye Movements, Tianjin, China, June, 2006. (talk)

Cave, K.R. ,Cohen, A., Rotello, C., McCaffrey, A., Zeng, M., Li, X., Zivot, M., Chang, K., & Ross, M. (June, 2006). Using eye movements to understand complex visual comparisons. Second China International Conference on Eye Movements. Tianjin, China, June, 2006. (talk)

Rayner K., Li, X. & Pollatsek. A. (2006). Extending the E-Z reader model to Chinese. Talk presented at the Second Chinese Conference on Eye Movements. Tianjin, China, June, 2006. (talk)

Rayner K., & Li, X. (2005). Eye movements when reading Chinese. Talk presented at the Conference on Processing of Asian Languages, Hong Kong, December, 2005. (talk)

Li, X., Rayner, K., Williams C.C., Cave, K. R., & Well, A.D (2005). Eye Movement Differences of between Chinese reader and English reader. Talk presented at the Conference on Processing of Asian Languages, Hong Kong, December, 2005. (talk)

Li, X., Rayner, K., Williams C.C., Cave, K. R., & Well, A.D (2005). Eye movement differences in picture processing and reading – Chinese reader vs. English reader. Talk presented at the 13th European Conference on Eye Movements, Bern, Switzerland, August, 2005. (talk)

Li, X., & Cave, K.R. (2004). Is subjective contour perception preattentive? Poster presentation at OPAM 2004, Minneapolis, MN, USA. Abstract can be found at Li, X. S., Cave, K. (2004). Is subjective contour perception preattentive? International Journal of Psychology, *39 (5-6)*, 541-541. Suppl. S OCT-DEC 2004. (poster)

Invited talks (lectures)

2016.6.2. South China Normal University, School of Psychology, Guanzhou, China.

2015. 11. 27. North Eastern Normal University, Department of Psychology, Changchun, China.

2015. 4. 17. Southwestern University, School of Psychology, Chongqing, China.

2014.12.10 Beijing Language and Culture University, Center for Studies of Chinese as a Second Language, Beijing, China.

2014.10.20 Nanjing Normal University, Department of Psychology, Nanjing, China.

2014.10.13 Institute of Psychology, Chinese Academy of Sciences, Beijing, China.

2014.9.9 University of Potsdam, Department of Psychology, Potsdam, Germany.

2014.9.10 University of Hamburg, Department of Informatics, Hamburg, Germany.

2014.8.20 Shanghai Normal University, Department of Linguistics, Shanghai, China.

2013.12.14 Beijing Normal University, National Key Laboratory of Cognitive Neuroscience and Learning, Beijing, China.

2013.10.28 University of Southampton, School of Psychology, Southampton, UK.

2013.10 Beijing Normal University, Department of Psychology, Beijing, China.

2013.9.4 Tsinghua University, Department of Computer Science, Beijing, China.

2013.4.2 Tianjin Normal University, School of Psychology and Behavior, Tianjin, China.

2012.3. Southern University of Science and Technology of China, Shenzhen, China.

2011. Capital Normal University, Department of Psychology, Beijing, China.

2009.4.20 Institute of Psychology, Chinese Academy of Science, Beijing, China.

2009.4 Peking University, Department of Psychology, Beijing, China.

2007.5 The Johns Hopkins University, Department of Psychology, USA.

2007.5 Columbia University, Department of Psychology, USA.

2007.6 Vanderbilt University, Department of Psychology, Nashville, TN, USA.

Student supervised:

Ph. D. students:

2016 Wei Shen (Ph. D., now an assistant professor at Hangzhou Normal University).

2015 Guojie Ma (Ph. D, now an associate professor at Shan Xi Normal University)

2014 Junjuan Gu (Ph. D, now an assistant professor at North China University of Science and Technology)

2013 Pingping Liu (Ph. D, now an assistant professor at Institute of Psychology, Chinese Academy of Sciences)

Master students:

2016. Yugang Li, Yanhui Zhan

Postdocs supervised:

2016 Yanping Liu (Post Doc training from 2013-2015, now a Research Associate Professor at Sun Yat-Sen University).

Awards won by supervised students

2016 Wei Shen, Director's Award by the Institute of Psychology, Chinese Academy of Sciences.

2016 Guojie Ma, Best Dissertation Award, University of Chinese Academy of Sciences.

2015 Guojie Ma, President's Award by the Chinese Academy of Sciences.

2015 Guojie Ma, Director's Award by the Institute of Psychology, Chinese Academy of Sciences.

2015 Guojie Ma, Excellent graduate award, University of Chinese Academy of Sciences

2015 Guojie Ma, Excellent graduate of the universities in Beijing, Beijing Municipal Education Commission.

2014 Guojie Ma, National Scholarship for Graduate Students, Ministry of Education of China

2014 Pingping Liu, Best Dissertation Award, University of Chinese Academy of Sciences.

2013 Pingping Liu, Director's Award, Institute of Psychology, Chinese Academy of Sciences

2013 Pingping Liu, Excellent graduate award, University of Chinese Academy of Sciences

2013 Pingping Liu, Excellent graduate of the universities in Beijing, Beijing Municipal Education Commission..

2013 Pingping Liu, The Di Ao Scholarship.

Visitors hosted

2016.9.30. Marcus Taft, School of Psychology at the University of New South Wales in Sydney, Australia.

2016. 5. 24-2016.5.27 Elizabeth Schotter (University of California San Diego)

2016. 5. 21-2016.5.27, 2016.7.17-2016.8.15, 2016.9.14-20. (three times) Bernhard Angele (Bournmouth University, UK)

2016. 5. 23-27 Monica Castelhano (Queen's Univesity, Canada)

2015.10.25-2015.11.2 Chuck Clifton (University of Massachusetts Amherst, USA).

2015.9.10 Qingcheng Zong (Institute of Automation, Chinese Academy of Sciences).

2015.8.11 Li Yin (Tsinghua University, China).

2015.6.15 -2015. 7.11 Erik Reichle (University of Southampton, UK).

2015.5.18. Philip Nolan and Ronan Reilly (Maynooth University, Ireland)

2015.1.20-2015.1.21 Simon Liversedge (University of Southampton, UK).

2015.2.3-2015.2.5 Zhe Chen (University of Canterbury, New Zealand).

2014.12.15. Peiyun Zhou (University of Illinois at Urbana-Champaign).

2014.4.9 Simon Liversedge (University of Southampton, UK).

2013. 12.17-2013.12.22 Erik Reichle (University of Southampton, UK).

2013.9.11-2013-9.13 Jason Zevin (Weill Medical College of Cornell University).

2013. 5. 14. Jinmian Yang (University of California San Diego).

2013.4.5. Jan Theeuwes (University of Amsterdam, Holland).

2011. 6.14. Albrecht Inhoff (Binghamton University, USA).

2011.5.11-2011.5.14 Zhe Chen (University of Canterbury, New Zealand).

2011.4.18-2011.4.22 Alan Wong (Chinese University of Hong Kong)

and Yetta Wong (University of Hong Kong).

2011.1.14 Li Bo Zhao (University of Iowa, USA).

2010.10.26-2010.11.30 Kyle Cave (University of Massachusetts Amherst).

2010.7.21 Ming Yan (University of Potsdam, Germany).

2010.6.9-2010.6.10 Simon Liversedge (University of Southampton, UK).

2010. 5.25-2010.5.29 Keith Rayner (University of California San Diego, USA)

Supervised Undergraduate Research Assistants

Taojie Wang (A student from University of Liverpool, worked in the lab during the summer of 2015,).

Mengsi Wang (A student from Wuhan University, worked in the lab in the Summer and Fall of 2014, now a Phd student at University of Southampton).

Yimeng Wang (A student from the Hampshire College, worked in the lab during the summer of 2012, now a Phd student at the Yale University.

Wencan Zhao (A student from China Agricultural University, worked in the lab from 2010-2012, now a Phd student at UT Southwestern Medical Center at Dallas).