

Jixing Li ['tɕi'ɕiŋ li]

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EMPLOYMENT

- 2022 – Assistant Professor
Department of Linguistics and Translation, City University of Hong Kong
Assistant Professor, Affiliate
Department of Social and Behavioral Sciences, City University of Hong Kong
- 2018 – 2022 Post-doctoral Fellow, New York University Abu Dhabi
- Supervisor: Liina Pylkkänen

EDUCATION

- 2013 – 2018 Ph.D., Linguistics, Cornell University
- Thesis: *Neural mechanisms of pronoun resolution*.
 - Supervisor: John Hale
- 2016 – 2018 Graduate Minor, Cognitive Science, Cornell University
- 2011 – 2012 M.Sc., Experimental Psychology, University of Oxford
- Thesis (*with Distinction*): *Sonority, size and shape in sound symbolism*.
 - Supervisor: Charles Spence
- 2009 – 2010 M.A., Linguistics, University College London
- Thesis (*with Distinction*): *"Root infinitives" in child Chinese*.
 - Supervisor: Ad Neeleman
- 2005 – 2009 B.A., English Language and Literature, Beijing Normal University
- 2006 – 2009 Double B.A., Chinese Language and Literature, Beijing Normal University

GRANTS

- 2016 – 2017 Jeffrey Sean Lehman Fund for Scholarly Exchange with China (Co-PI): \$13,000
Awarded for launching collaboration between the Jiangsu Key Lab of Linguistic Science and the Cornell Linguistics Department. Cornell University.

AWARDS & FELLOWSHIPS

2021	CCCN2021 Best Poster Award Chinese Conference of Computational and Cognitive Neuroscience
2019	CNS2019 Postdoctoral Fellow Award Cognitive Neuroscience Society
2018	SNL2018 Travel Award Society for the Neurobiology of Language
2017	SNL2017 Travel Award Society for the Neurobiology of Language
Spring, 2017	Dean's Excellence Fellowship Cornell University
Fall, 2017	SAGE Fellowship Cornell University
2016	IPA Student Award for Speech Prosody 2016 International Phonetic Association
Summer, 2016	International Research Travel Grant Mario Einaudi Center for International Studies, Cornell University
Fall, 2015	C.V. Starr Fellowship East Asian Program, Cornell University
2013-2014	SAGE Fellowship Cornell University
2006-2009	Outstanding Student Scholarship Beijing Normal University

PEER-REVIEWED JOURNAL ARTICLES

in press	Li, J., Bhattasali, S., Zhang, S., Franzluebbers, B., Luh, W., Spreng, R. N., Brennan, J., Yang, Y., Pallier, C., & Hale, J. (in press). <i>Le Petit Prince</i> multilingual naturalistic fMRI corpus.
under review	Li, J., Wang, S., Luh, W., Pykkänen, L., Yang, Y., & Hale, J. (under review). Cortical processing of reference in language revealed by computational models.
2022	Dunagan, D., Zhang, S., Li, J., Bhattasali, S., Pallier, C., Whitman, J., Yang, Y., & Hale, J. (2022). Neural correlates of semantic number: A cross-linguistic investigation. <i>Brain and Language</i> , 229, 105110.
2022	Hale, J., Campanelli, L., Li, J., Pallier, C., & Brennan, J. (2022). Neuro-computational models of language processing. <i>Annual Review of Linguistics</i> , 8, 427-446.
2022	Zhang, S., Li, J., Yang, Y., & Hale, J. (2022). Decoding the silence: Neural bases of zero pronoun resolution in Chinese. <i>Brain and Language</i> , 224: 105050.

- 2021 Li, J., & Pylkkänen, L. (2021). Disentangling semantic composition and semantic association in the left temporal lobe. *Journal of Neuroscience*, 41: 6526-6538.
- 2017 Klemens, K., Li, J., Maggioni, E., & Spence, C. (2017). What drives sound symbolism? Different acoustic cues underlie sound-size and sound-shape mappings. *Scientific Reports*, 7: 5562.

PEER-REVIEWED CONFERENCE PAPERS

- 2018 Li, J., Fabre, M., Luh, W. & Hale, J. (2018). Modeling brain activity associated with pronoun resolution in English and Chinese. *Proceedings of the First Workshop on Computational Models of Reference, Anaphora and Coreference (CRAC)*. 87-96.
- 2018 Li, J., Fabre, M., Luh, W. & Hale, J. (2018). The role of syntax during pronoun resolution: Evidence from fMRI. *Proceedings of the Eight Workshop on Cognitive Aspects of Computational Language Learning and Processing (CogACLl)*. 56-64.
- 2016 Li, J., Brennan, J., Mahar, A. & Hale, J. (2016). Temporal lobes as combinatory engines for both form and meaning. *Proceedings of the Workshop on Computational Linguistics for Linguistic Complexity (CL4LC)*. 186-191.
- 2016 Li, J., & Tilsen, S. (2016). Early prosodic manifestations of disfluency. *Proceedings of Speech Prosody*. 1235-1239.
- 2015 Li, J., & Tilsen, S. (2015). Phonetic evidence for two types of disfluency. *Proceedings of ICPhS*. 668.

BOOK CHAPTERS

- 2019 Li, J., & Hale, J. (2019). Grammatical predictors for fMRI timecourses. Stabler, E., & Berwick, R. (Eds.). *Minimalist Parsing*. Oxford University Press.

MANUSCRIPTS

- in prep. Li, J., Wang, S., & Pylkkänen, L. (in prep.). Modeling the neural composition function involved in semantic combination.

INVITED TALKS & WORKSHOPS

- 2022 Li, J. (2022). Modeling language processing at multiple timescales. *Presentation at the Basque Center On Cognition, Brain and Language (BCBL), Spain, April 25, 2022*.
- 2022 Li, J. (2022). Modeling language processing at multiple timescales. *Presentation at the Chang Lab, University of California, San Francisco, March 30, 2022*.
- 2022 Li, J. (2022). Modeling language processing in naturalistic and controlled experiments. *Presentation at the Stanford Cognitive & Systems Neuroscience Laboratory, Stanford University, February 24, 2022*.
- 2022 Li, J. (2022). Modeling language processing in naturalistic and controlled experiments. *The LT Research Forum Series, City University of Hong Kong, January 25, 2022*.

- 2021 Li., J. (2021). Modeling language processing in naturalistic and controlled experiments. *Presentation at the Hasson Lab, Princeton University, December 3, 2021.*
- 2021 Li., J. (2021). Analysis of neuroimaging data using naturalistic designs. *NYUAD Neuroimaging Science Talks, November 24, 2021.*
- 2021 Li., J. (2021). Grammatical predictors for fMRI time-courses during naturalistic listening. *Workshop for the Leipzig Lectures on Language End-of-Year Symposium, October 20-21, 2021.*
- 2021 Li., J. (2021). Cortical processing of pronoun resolution revealed by computational models. *SNL Symposium: What can NLP systems teach us about language in the brain?, October 8, 2021.*
- 2021 Li., J. (2021). Modeling pronoun resolution in the brain. *Workshop on Computational Neurolinguistics (WCNL2021), Nanjing Normal University, August 21, 2021.*
- 2021 Li., J. (2021). Referential processing in the brain. *Language in Interaction Consortium, Donders Center / Max Planck Institute, the Netherlands, June 21, 2021.*
- 2021 Li., J. & Hale, J. (2021). Neuro-computational models of language processing: The case of reference and coreference. *The Leipzig Lectures on Language, Max Planck Institute for Human Cognitive and Brain Sciences, May 26, 2021.*
- 2021 Li., J. (2021). Cortical processing of reference in language revealed by computational models. *Presentation at the Neurolinguistics Lab, University of Maryland, April 27, 2021.*

CONFERENCE PRESENTATIONS

- 2021 Li, J., Luh, W., Pykkänen, L., Yang, Y., & Hale, J. (2021). Modeling pronoun resolution in the brain. Poster presented virtually at the 3rd Chinese Conference of Computational and Cognitive Neuroscience (CCCN), June 11-13, 2021. *CCCN2021 Best Poster Award*
- 2021 Li, J., Luh, W., Pykkänen, L., Yang, Y., & Hale, J. (2021). Modeling pronoun resolution in the brain. Data Blitz presented virtually at the Cognitive Neuroscience Society (CNS), March 13-16, 2021.
- 2021 Zhang, S., Li, J., & Hale, J. (2021). Neural mechanisms of zero pronoun resolution in Chinese. Poster presented virtually at the Cognitive Neuroscience Society (CNS), March 13-16, 2021.
- 2021 Li, J., Luh, W., Pykkänen, L., Yang, Y., & Hale, J. (2021). Modeling pronoun resolution in the brain. Poster presented virtually at the Society for Neuroscience (SfN): Global Connectome, January 11-13, 2021.
- 2020 Donald, D., Zhang, S., Li, J., Pallier, C., Whitman, J. & Hale, J. (2020). Grammatical number in French and Chinese brains. Poster presented virtually at the Society for the Neurobiology of Language (SNL), October 21-25, 2020.
- 2020 Li, J., & Pykkänen, L. (2020). Disentangling semantic association from semantic composition in the LATL. Poster presented virtually at the 33rd Annual CUNY Conference on Human Sentence Processing (CUNY), March 19-21, 2020.
- 2019 Li, J., & Pykkänen, L. (2019). Disentangling semantic association from semantic composition in the LATL. Poster presented at the 11th Annual Society for the Neurobiology of Language Conference (SNL), Helsinki, Finland, August 20-22, 2019.

- 2019 Zhang, S., Li, J., Luh, W., & Hale, J. (2019). Human brain networks for semantic roles: An fMRI study. Poster presented at the 11th Annual Society for the Neurobiology of Language Conference (SNL), Helsinki, Finland, August 20-22, 2019.
- 2019 Li, J., & Hale, J. (2019). Tracking the subprocesses of pronoun resolution during naturalistic comprehension. Poster presented at the Cognitive Neuroscience Society (CNS), San Francisco, USA, March 23-26, 2019. *CNS2019 Postdoctoral Fellow Award*.
- 2018 Li, J., Fabre, M., Luh, W., & Hale, J. (2018). fMRI evidence for binding theory during anaphora resolution in naturalistic listening. Poster presented at the Society for the Neurobiology of Language (SNL), Quebec, Canada, August 16-18, 2018.
- 2018 Li, J., Fabre, M., Luh, W., & Hale, J. (2018). Neural mechanisms of pronoun resolution in Chinese during naturalistic listening. Poster presented at Architectures and Mechanisms of Language Processing (AMLaP), Berlin, Germany, September 6-8, 2018.
- 2018 Li, J., Fabre, M., Luh, W., & Hale, J. (2018). fMRI evidence for binding theory during anaphora resolution in naturalistic listening. Poster presented at the Society for the Neurobiology of Language (SNL), Quebec, Canada, August 16-18, 2018. *SNL2018 Travel Award*.
- 2018 Li, J., Fabre, M., Luh, W., & Hale, J. (2018). The role of syntax during pronoun resolution: Evidence from fMRI. Paper presented at the ACL Workshop on Cognitive Aspects of Computational Language Learning and Processing (CogACLL), Melbourne, Australia, July 19, 2018.
- 2018 Li, J., Fabre, M., Luh, W., & Hale, J. (2018). Modeling brain activity associated with pronoun resolution in English and Chinese. Paper presented at the NAACL Workshop on Computational Models of Reference, Anaphora, and Coreference (CRAC), New Orleans, USA, June 9, 2018.
- 2017 Li, J., Pallier, C., Yang, Y., & Hale, J. (2017). Neural correlates of semantic coherence in English and Chinese speakers during natural language comprehension. Poster presented at the Society for the Neurobiology of Language (SNL), Baltimore, USA, November 8-10, 2017. *SNL2017 Travel Award*.
- 2017 Hale, J., Bhattasali, S., Brennan, J., Li, J., Luh, W., & Pallier, C. (2017). Localizing structure-building and memory retrieval in naturalistic language comprehension. Poster presented at the Society for the Neurobiology of Language (SNL), Baltimore, USA, November 8-10, 2017.
- 2016 Li, J., Hale, J., Mahar, A., & Brennan, J. (2016). Temporal lobes as combinatory engines for both form and meaning. Poster presented at the Workshop on Computational Linguistics for Linguistic Complexity (CL4LC, COLING), Osaka, Japan, December 11, 2016.
- 2016 Li, J., & Tilsen, S. (2016). Early prosodic manifestations of disfluency. Paper presented at Speech Prosody, Boston, May 31-June 3, 2016. *IPA Student Award*.
- 2016 Li, J., & Tilsen, S., Phonetic evidence for two types of disfluency. Paper presented at the Linguistic Society of America (LSA), Washington, USA, January 7-10, 2016.
- 2015 Li, J., & Tilsen, S., (2015). Phonetic evidence for two types of disfluency. Poster presented at the 18th International Congress of Phonetic Sciences (ICPhS), Glasgow, UK, August 10-14, 2015.

- 2013 **Li, J., Klemens, K., & Spence, C. (2013).** Sonority, shape and size in sound symbolism. Poster presented at the Linguistic Society of America (*LSA*), Boston, USA, January 3-6, 2013.
- 2012 **Li, J. (2012).** "Root infinitives" in child Chinese. Paper presented at the 1st Workshop on Syntax and Semantics in China, Nanjing, China, June 16-17, 2012.

TEACHING

- Semester A,
2022-2023 **LT3233 Computational Linguistics**
Department of Linguistics and Translation, City University of Hong Kong
- Semester A,
2022-2023 **LT5903 Language and Its Applications**
Department of Linguistics and Translation, City University of Hong Kong
- Lead TA:
July 5-23, 2021 **Computational Neuroscience**
Neuromatch Academy

SERVICE & MEMBERSHIP

- Reviewer Nature Machine Intelligence
Cerebral Cortex
Journal of Cognitive Neuroscience
Journal of Experimental Psychology: Learning, Memory, and Cognition
Visual Cognition
Annual Meeting of the Cognitive Science Society (CogSci)
- Member Society for Neuroscience
Cognitive Neuroscience Society
Society for the Neurobiology of Language
Association for Computational Linguistics
Linguistic Society of America
International Phonetic Association

NATURAL LANGUAGES

Mandarin Chinese (native), English

PROGRAMMING LANGUAGES

Python, Matlab, R, Shell Scripting