Dr. Angela Xiaoxue He

Assistant Professor, Department of English Language & Literature, Hong Kong Baptist University

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Areas: language acquisition, psycholinguistics, language and cognition, learning and memory

Academic Qualifications & Positions

2019-2020	Research Assistant Professor, Brain and Mind Institute, Chinese University of Hong Kong
2018-2019	Postdoctoral Associate, Philosophy & Linguistics, University of Southern California
2015-2018	Postdoctoral Associate, Language & Hearing Sciences, Boston University
2009-2015	PhD in Linguistics, University of Maryland
2004-2009	BA in Linguistics, Chinese University of Hong Kong

Grants, Awards & Fellowships

Grants

2022	Faculty Research Impact Fund, PI Faculty of Arts, Hong Kong Baptist University, HK$50,000 *Promoting public recognition of the role of sleep in children's language development*
2021-2023	Special Grant for Strategic Development of Virtual Teaching and Learning, PI Hong Kong University Grants Committee (UGC), HK$150,000 *Virtual Board: Hybrid Delivery and Display for Enhanced Teaching and Learning*
2020-2022	Knowledge Transfer Project Fund, PI; transferred to another PI due to job change Chinese University of Hong Kong, HK$400,000 *Sleep to remember—Promoting early language development by making best use of sleep*
2016-2017	Dudley Allen Sargent Research Fund Faculty/Postdoc Competition, PI Boston University, $5,000 *Comprehension of 1st and 2nd person pronouns in children with Autism Spectrum Disorder*

Awards

2017	Peter Jusczyk Best Paper Award from the Society of Language Development Paper title: *Verb Learning in 14- and 18-Month-Old English-Learning Infants*
2016	Travel Award for the 37th Annual Symposium on Research in Child Language Disorders
2015	Howard Lasnik Award for Distinguished Teaching by a Graduate Student
2014	Society for Language Development Student Award
2014	Graduate Travel Award, College of Arts and Humanities, Univ. of Maryland
2014	Jacob K Goldhaber Travel Award, Graduate School, Univ. of Maryland
2014	International Conference Student Support Award, Univ. of Maryland

Fellowships

2014	Graduate Teaching-Assistantship, Linguistics, Univ. of Maryland
2009-2014	Graduate Fellowship, Linguistics, Univ. of Maryland, $20,000 each year
2011-2013	Language Science Fellowship, Univ. of Maryland, $5,000 each year
2005-2009	Scholarship, Chinese Univ. of Hong Kong, $10,000 each year

Publications

Refereed Journals

12. **He, A. X.**, Luyster, R. & Arunachalam, S. (under review). Input and intake: How preschoolers with and without ASD process their own parent's unscripted language.

11. **He, A. X.** (under review). *Optimal input for language development: Tailor nature to nurture.*

10. Wellwood, A., & **He, A. X.** (under revision). *Furniture* really counts.

9. **He, A. X.**, & Wellwood, A. (under revision). "Most" is easy but "least" is hard: Novel determiner learning in 4-year-olds.

8. **He, A. X.**, Huang, S., Waxman, S. R., & Arunachalam, S. (2020). Two-year-olds consolidate verb meanings during a nap. *Cognition*. https://doi.org/10.1016/j.cognition.2020.104205

7. **He, A. X.**, & Witternberg, E. (2020). The acquisition of event nominals and light verbs. *Language and Linguistics Compass*. Language and Linguistics Compass. https://doi.org/10.1111/lnc3.12363

6. **He, A. X.**, Kon, M. & Arunachalam, S. (2020). Linguistic context in verb learning: Less is sometimes more. *Language Learning & Development*.
https://doi.org/10.1080/15475441.2019.1676751

5. Wellwood, A., **He, A. X.**, & Farkas, H. F. (2019). Events and processes in language and mind. *Baltic Yearbook for Cognition, Logic, and Communication*. https://doi.org/10.4148/1944-3676.1122

4. de Carvalho A., **He A. X.**, Lidz J., & Christophe A. (2019). Prosody and function words cue the acquisition of word meanings in 18-month-old infants. *Psychological Science, 30*(3), 319-332. https://doi.org/10.1177/0956797618814131

3. **He, A. X.**, Luyster, R., Hong, S. J., & Arunachalam, S. (2018). Personal pronoun usage in maternal input to infants at high vs. low risk for autism spectrum disorder. *First Language, 38*(5), 520-537. https://doi.org/10.1177/0142723718782634

2. **He, A. X.** & Arunachalam, S. (2017). Word learning mechanisms. *Wiley Interdisciplinary Reviews on Cognitive Science, 8*(4), e1435. https://doi.org/10.1002/wcs.1435

This paper has been recognized as a top 20 most read paper in Wiley Interdisciplinary Reviews: Cognitive Science.

1. **He, A. X.** & Lidz, J. (2017). Verb learning in 14- and 18-month-old English-learning infants. *Language Learning and Development, 13*(3), 335-356. https://doi.org/10.1080/15475441.2017.1285238

This paper has won the Peter Juszyk Best Paper Award.

Conference Proceedings

2. Arunachalam, S., & **He, A. X.** (2018). Children's acquisition of nouns that denote events. *Proceedings of the 42nd Boston University Conference on Language Development.*
http://www.lingref.com/bucld/42/BUCLD42-03.pdf

1. Wellwood, A., **He, A. X.**, Lidz, J. & Williams, A. (2015). Participant structure in event perception: Towards the acquisition of implicitly 3-place predicates. *Proceedings of the 38th Annual Penn Linguistics Colloquium.* https://repository.upenn.edu/pwpl/vol21/iss1/32/

Invited Talks

12. **He, A. X.** (Mar 2021). Recognizing the role of sleep in early language acquisition. Brain and Mind Everywhere—A Virtual Symposium. Annual symposium at the Brain and Mind Institute, Chinese University of Hong Kong.

11. **He, A. X.** (Feb 2021). Decipher a novel verb and keep it in your memory: Investigating children's language acquisition with and beyond linguistics. Hong Kong University Linguistics Seminar.

10. **He, A. X.** (May 2019). *Gleebest* of the *blicks* are doing a *gorp*! — Inferring word meanings from the syntax. Semantics Babble (http://idiom.ucsd.edu/ ivano/SemBabble/), research group at University of California, San Diego.

9. **He, A. X.** (Apr 2019). How do young learners orient themselves in the word learning maze? Developmental Brown Bag, University of Nevada, Las Vegas.

8. **He, A. X.** (Apr 2019). Parse to learn while learning to parse: Verb learning and language processing in 3-year-olds. Language Processing Lab, PI: Elsi Kaiser, Dept. of Linguistics, University of Southern California.

7. **He, A. X.** (Mar 2019). How do young children "decipher" the meanings of "tough words"? Research seminar at the Dept. of Linguistics and Modern Languages, Chinese University of Hong Kong, China.

6. **He, A. X.** (Dec 2017). Tackling those tough words: acquisition of verbs, abstract nouns, and pronouns. Speech, Language & Hearing Sciences Colloquium Series, Boston University.

5. **He, A. X.** (Nov 2017). What do we learn from acquisition of "tough" words? – Bringing linguistic, cognitive and social development together. Developmental Science Colloquium, Boston University.

4. **He, A. X.** (May 2017). Towards optimal input: Information and processing load in verb learning. Communication Sciences & Disorders Research Day, Boston University.

3. **He, A. X.** (Apr 2016). The role of sentence parsing, event analysis, and their relation in verb learning. Language and Cognition workshop, Harvard University.

2. **He, A. X.** (June 2015). Guided verb learning. Project on Child Development laboratory, PI: Sandra Waxman, Northwestern University.

1. **He, A. X.** (Oct 2013). Assessing event perception in adults and prelinguistic children: A prelude to syntactic bootstrapping of verb learning. Language Science Center, PI: Colin Phillips, University of Maryland.

Refereed Conference Presentations

Note: <u>presenter</u>, †student advisee

Talks

15. <u>Wellwood, A.</u> & **He, A. X.** (2021). Aspects of comparing adjectives. Canadian Linguistic Association (CLA) Annual Meeting. Virtual.

14. **He, A. X.**, & Wellwood, A. (conference postponed due to COVID-19). Learning is biased: "Most" is easy but "least" is hard. The 2020 Architectures and Mechanisms for Language Processing - Asia (AmLap-Asia), Macau, China.

13. †<u>Clancy, H.</u>, **He, A. X.**, Luyster, R., & Arunachalam, S. (Nov 2019). "It's in your box!"—Personal pronoun comprehension in children with ASD. The 44th Boston University Conference on Language Development (BUCLD), Boston University, Boston, MA.

12. <u>Wellwood, A.</u>, Pietroski, P. & **He, A. X.** (July 2019). Graded plurals and indeterminacy. Society for Philosophy & Psychology annual meeting (SPP), University of California, San Diego.

11. <u>Wellwood, A.</u>, & **He, A. X.** (June 2019). Evaluating comparatives with superordinate mass nouns. The Canadian Linguistics Association Annual Meeting (CLA-ACL), Vancouver BC.

10. †<u>Clanncy, H.</u>, **He, A. X.**, & Arunachalam, S. (Apr 2019). Personal pronoun comprehension in children with ASD. Linguistics and Cognitive Science Student Conference. Newwark, DE.

9. **He, A. X.**, & Arunachalam, S. (Nov 2018). Sleep consolidates syntactically-derived verb meanings in 2-year-olds. The 43rd Boston University Conference on Language Development (BUCLD), Boston University, Boston, MA.

8. **He, A. X.**, & Arunachalam, S. (Jan 2017). How much information is too much: Informativity and processing cost in verb learning. The 91st annual meeting of Linguistic Society of America (LSA), Austin, TX.

7. <u>Perkins, L.</u>, **He, A. X.**, Williams, A., Dudley, R., Björnsdóttir, S. & Lidz, J. (Mar 2016). Can intransitive clauses name 2-participant events? A new test of participant-to-argument matching in verb learning. The 29th annual CUNY conference on Human Sentence Processing: Workshop on event structure, Gainesville, FL.

6. **He, A. X.**, & Lidz, J. (Jan 2016). What infants learn about a verb depends on its subject. The 90th annual meeting of Linguistic Society of America (LSA), DC.

5. <u>de Carvalho, A.</u>, **He, A. X.**, Lidz, J. & Christophe, A. (Nov 2015). 18-month-olds use the relationship between prosodic and syntactic structures to constrain the meaning of novel words. The 40th Boston University Conference on Language Development (BUCLD), Boston University, Boston, MA.

4. <u>de Carvalho, A.</u>, **He, A. X.**, Dautrichel, I., Lidz, J. & Christophe, A. (Sept 2015). Phrasal prosody helps infants to access the syntactic structure of sentences and to constrain the acquisition of novel word meanings. Workshop on the role of prosody in early speech perception, the 12th Generative Approaches to Language Acquisition conference (GALA), Nantes, France.

3. **He, A. X.**, & Lidz, J. (Nov 2014). Development of the verb-event link between 14 and 18 months. The 39th Boston University Conference on Language Development (BUCLD), Boston University, Boston, MA.

2. **He, A. X.**, Meng, X., Williams, A. & Lidz, J. (May 2014). Thematic interpretation and cross-linguistic variations: Evidence from English- and Mandarin-learning children. The 22nd Annual Conference of the International Association of Chinese Linguistics (IACL) & the 26th North American Conference on Chinese Linguistics (NACCL), College Park, MD.

1. Wellwood, A., **He, A. X.**, Lidz, J. & Williams, A. (Mar 2014). Participant structure in event perception: Towards the acquisition of implicitly 3-place predicates. The 38th annual Penn Linguistics Conference (PLC), Philadelphia, PA.

Symposium Talks

8. **He, A. X.**, & Arunachalam, S. (TBD). Online comprehension of parents' referential expressions in children with and without ASD. Paper at the 15th Congress of the International Association for the Study of Child Language (IASCL). Philadelphia, PA.

7. **He, A.X.**, Luyster, R., & Arunachalam, S. (Apr 2021). Parent Tuning to Children's Language Processing Speed. Paper at the Society for Research in Child Development (SRCD) 2021 Biennial Meeting; virtual. In the symposium ttiled "The diversity of caregiver-child coordination and its contributions to language development"; Chair: Ashley Leung.

6. Arunachalam, S., & **He, A. X.** (Nov 2017). Children's acquisition of nouns that denote events. Paper at the 42nd Boston University Conference on Language Development (BUCLD). Boston University, Boston, MA. In the Sunday Closing Symposium titled "Event Concepts and Early word learning"; Chairs: Jeffrey Lidz & Alexander Williams.

5. **He, A. X.**, Waxman, S. R., & Arunachalam, S., (Oct 2017). Two-year-olds consolidate verb meanings during a nap. Paper at the 2017 Cognitive Development Society (CDS) Biennial Conference, Portland, OR. In the symposium titled "Memory consolidation and learning across early childhood"; Chair: **Angela Xiaoxue He**.

4. **He, A. X.**, & Arunachalam, S. (July 2017). How we conceptualize the ends of events (and what it might mean for verb acquisition). Paper at the 14th International Congress for the Study of Child Language (IASCL). Lyon, France. In the symposium titled "Encoding Events in Language and Cognition"; Chair: Ercenur Ünal.

3. **He, A. X.** & Lidz, J. (May 2016). When one cue is better than two: trade-off between processing load and informativity in verb learning and verb extension tasks. Paper at the XIX Biennial International Conference for Infant Studies (ICIS), New Orleans, LA. In the symposium titled "How real-time processing abilities affect the trajectory of language acquisition"; Chair: Sudha Arunachalam.

2. de Carvalho, A., Dautriche, I., **He, A. X.**, Lidz, J., Christophe, A. (May 2016). The acquisition of word meanings: interactions between parsing and learning. Paper at the XIX Biennial International Conference for Infant Studies (ICIS), New Orleans, LA. In the symposium titled "How real-time processing abilities affect the trajectory of language acquisition"; Chair: Sudha Arunachalam.

1. **He, A. X.**, Wellwood, A., Lidz, J. & Williams, A. (July 2014). When participant structure and argument structure do not match: Participant structure construction in adults and prelinguistic infants. Paper at the 13th International Congress for the Study of Child Language (IASCL), Amsterdam, The Netherlands. In the symposium titled "The Role of Grammar and Extralinguistic Cognition in Verb Learning"; Chair: **Angela Xiaoxue He**.

Posters

18. Arunachalam, S., **He, A. X.**, & Song, H. (Nov 2020). When less is more: Evidence from verb learning in Korean 4- and 5-year-olds. The 45th Boston University Conference on Language Development (BUCLD), virtual conference.

17. †Shi, H., **He, A. X.**, Song, H., & Arunachalam, S. (Nov 2020). Korean and English verb learnign in transitive frames. The 45th Boston University Conference on Language Development (BUCLD), virtual conference.

16. **He, A. X.**, & Arunachalam, S. (Mar 2019). Can you do a "gorp" for five minutes? Learning nouns that denote event concepts. The 2nd International Conference on Theoretical East Asian Psycholinguistics (ICTEAP-2), Beijing, China.

15. **He, A. X.**, & Arunachalam, S. (June-July 2018). Exploring the conceptual origin of a linguistic behavior: Event endstate representation in infancy. The XXI ICIS Biennial Congress, Philadelphia, PA.

14. **He, A. X.**, & Arunachalam, S. (Mar 2018). Verb learning mediated by sentence processing—understanding both the learning process and the learning outcome. The 31st Annual CUNY Conference on Human Sentence Processing, Davis, CA.

13. Williams, A., Perkins, L.,**He, A. X.**, Björnsdóttir, S., & Lidz, J. (Nov 2017). A new test of one-to-one matching between arguments and participants in verb learning. The 42th Boston University Conference on Language Development (BUCLD), Boston, MA.

12. **He, A. X.**, & Arunachalam, S. (Oct 2017). Eye gaze reveals where verb learners trip. The 2017 Cognitive Development Society (CDS) Biennial Conference, Portland, OR.

11. **He, A. X.**, & Arunachalam, S. (Oct 2017). Event nominal acquisition benefits from linguistic context. The 2017 Cognitive Development Society (CDS) Biennial Conference, Portland, OR.

10. **He, A. X.**, & Arunachalam, S. (Aug 2016). How event endstates are conceptualized in adults and infants. The 38th Annual Meeting of the Cognitive Science Society, Philadelphia, PA.

9. **He, A. X.**, & Arunachalam, S. (June 2016). How much information is too much when introducing new verbs: Insights from typically-developing 3-year-olds. The 37th Annual Symposium on Research in Child Language Disorders, Madison, WI.

8. **He, A. X.**, Kim, N., Hong, S. J., Luyster, R. & Arunachalam, S. (June 2016). Pronouns in maternal input to infants at high- vs. low-risk for autism spectrum disorder. The 37th Annual Symposium on Research in Child Language Disorders, Madison, WI.

7. **He, A. X.**, & Arunachalam, S. (Mar 2016). How event endstates are conceptualized in adults and infants. The 29th annual CUNY conference on Human Sentence Processing: Workshop on event structure, Gainesville, FL.

6. **He, A. X.**, Meng, X., Williams, A. & Lidz, J. (July 2014). Thematic interpretations and cross-linguistic variations: Evidence from English- and Mandarin-learning children. The XIX Biennial International Conference for Infant Studies (ICIS), Berlin, Germany.

5. **He, A. X.**, Wellwood, A., Lidz, J. & Williams, A. (July 2014). Verb learning and the perception of three-participant events in infants and adults. Poster presented at the XIX Biennial International Conference for Infant Studies (ICIS), Berlin, Germany.

4. **He, A. X.**, Meng, X., Williams, A. & Lidz, J. (July 2014). Thematic role assignment in resultative

constructions in English- and Mandarin-learning children. The 13th International Congress for the Study of Child Language (IASCL), Amsterdam, The Netherlands.

3. **He, A. X.**, Wellwood, A., Lidz, J. & Williams, A. (Jan 2014). Assessing event perception in adults and prelinguistic children: A prelude to syntactic bootstrapping. The 88th annual meeting of Linguistic Society of America (LSA), Minneapolis, MN.

2. **He, A. X.**, Wellwood, A., Lidz, J. & Williams, A. (Nov 2013). Assessing event perception in adults and prelinguistic children: a prelude to syntactic bootstrapping. The 38th Boston University Conference on Language Development (BUCLD), Boston University, Boston, MA.

1. **He, A. X.** & Lidz, J. (Nov 2011). Mapping intransitive verbs onto self-propelled actions. The 36th Boston University Conference on Language Development (BUCLD), Boston, MA.

Teaching

Hong Kong Baptist University

2021-2022	ENGL4007: Advanced Topics in Linguistic Theory—Issues in Child Language Acquisition (3 credits, major elective)
2020-2021	ENGL2005: Introduction to the Study of Language (3 credits, major required)

Boston University

2016-2018	SH524: Normal Language Acquisition (4 credits, major required)

University of Maryland

(as teaching assistant)

2012, 2013, 2015	LING240: Language and Mind
2010-2012	LING200: Introduction to Linguistics
2011, 2014	LING444: Child Language Acquisition

Advising

Postgraduate Advising

2021-Pres.	Teng WANG, Ph.D. in progress, Hong Kong Baptist University Co-supervising with Dr. Ben ROWLETT

Undergraduate Advising

2021	Undergraduate Honors Project advising, Hong Kong Baptist University
2019-2020	Undergradaute thesis advising, Chinese University of Hong Kong
2009-2015	Supervisor for >10 RAs in Project on Child Language Lab, University of Maryland
2015-2018	Supervisor for >10 RAs, Child Language Lab, Boston University
2018-2019	Supervisor for >6 RAs, The Meaning Lab, University of Southern California

Service

Member of Editorial Board

2020-Pres.   Review Editor, Language Sciences of Frontiers in Psychology & Frontiers in Communication

2021-Pres.   Editorial Board, Infant and Child Development

Reviewer – Book Sections

2016   Semantics in Language Acquisition in Trends in Language Acquisition Research

Reviewer - Journals

2015   Journal of Experimental Child Psychology

2016   Language, Cognition and Neuroscience

2017   Glossa: A Journal of General Linguistics; PLOS ONE

2018   Canadian Journal of Linguistics; Language Learning and Development;
              Natural Language & Linguistic Theory

2019   Child Development; First Language;
              Glossa: A Journal of General Linguistics; Natural Language & Linguistic Theory

2020   Developmental Psychology; Language;
              Language Learning; Language Learning & Development

2021   Journal of Experimental Child Psychology; Language;
              Language Learning & Development; Journal of Psycholinguistic Research

Reviewer - Conference Abstracts

2016-2021   BUCLD: Boston University Conference on Language Development

2015   CUNY: CUNY conference on Human Sentence Processing: Workshop on event structure

2016-2019   CSS: Cognitive Science Society Meeting

2020   IASCL: International Association for the Study of Child Language

Committee Member

2021-2023   Department Survey Coordinator, Hong Kong Baptist University

2021   Research Ethics Committee, Hong Kong Baptist University

2021   Asia-Pacific Babylab Constellation (ABC) 2021 Conference:
              Language and cognition in atypical and atypical development

2012-2013   IGERT* Student Executive Committee, University of Maryland
              *NSF-funded Integrative Graduate Education and Research Traineeship program
              on Biological and Computational Bases of Language Science

2012   Language Science Day*, University of Maryland
              *annual social and scientific event of the language science community on campus

2011   IGERT* Lunch Talk Series & Social Events Committee, University of Maryland
              *NSF-funded Integrative Graduate Education and Research Traineeship program

Outreach

2017-2019	Founder and contributing author of the WeChat* special column Cognitive Science** *widely used social media in China **disseminates cognitive science-related knowledge to general public; updated weekly
2011	Contributor to Infant and Child Studies Tent @ Maryland Day* *all-day event to expose the public to linguistic and cognitive science
2010	Contributor to High School Outreach*, Language Science Center, Univ. of Maryland *hosts visits for local high-schoolers to the university campus and the language science labs