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## Ye Li

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I am on the academic job market for the 2024-2025 cycle.

### Education

- 2019-Pre Ph.D. in Psychology (Cognitive Science), Arizona State University  
2022 MA in Psychology (Cognitive Science), Arizona State University
- Master thesis, mentored by Dr. Viridiana L. Benitez: *The Role of Working Memory in Statistical Word Learning*
- 2017 MA in Applied English Linguistics, The Chinese University of Hong Kong  
2014 BA in English Language and Literature, Minzu University of China

### Research Interests

I am interested in exploring the interplay between language and other important factors. I learn from babies about language development: How does early language develop with concurrent sensory and motor milestones in a dynamical system? I learn from adults about language mechanism: How does word learning interact with learners' cognitive skills and language experience?

### Manuscripts

#### Publications & in press

- Li, Y. & Benitez, V.L. (2024). Probing the role of multilingualism and working memory in cross-situational word learning. *Journal of Experimental Psychology: Learning, Memory, and Cognition*. Advance online publication. <https://doi.org/10.1037/xlm0001361>
- Li, Y. & Benitez, V. L. (2023). Lexical tone as a cue in statistical word learning from bilingual input. *Bilingualism: Language and Cognition*. Advance online publication. <https://doi.org/doi:10.1017/S1366728923000858>
- Benitez, V. L., & Li, Y. (2024). Cross-situational word learning in children and adults: The case of lexical overlap. *Language Learning and Development*. 20 (3): 195-218. <https://doi.org/10.1080/15475441.2023.2256713>
- Li, Y., Zhang, Z., & Huang, Y. (2020). A corpus-based diachronic analysis on gender bias in Great Britain from 1961 to 1990. *Journal of Chongqing Technology and Business University (Social Science Edition)*. 37(02): 128-140.

#### Manuscripts under review

- Li, Y. & Benitez, V. L. (under review). Concurrences across time and sensorimotor capacities promote infant learning. *Child Development Perspectives*.
- Li, Y., Yu, S. P., McBeath, M. K., & Benitez, V. L. (under review). U.S. English-speaking children and adults exhibit a “Gleam-Glum” sound symbolic effect linking phonemic vowel sounds with emotional valence. *Psychological Science*.

#### Manuscripts in preparation

- Kuo, J. E., Li, Y., Yu, S. P., McBeath, M. K., & Benitez, V. L. (in preparation). The Wham-Womb sound symbolic effect: English-speaking children and adults link phonemes with arousal

### Ph.D. Training Milestones at Arizona State University

#### Dissertation (2024, in progress)

- Topic: Exploring the temporal dynamics of parent-toddler speech and action when playing with familiar and unfamiliar objects
  - Committee members: Viridiana L. Benitez (chair), Arthur M. Glenberg, Polemnia G. Amazeen, Kelsey
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Lucca, Jessica E. Kosie

### **Comprehensive examination (2023 March, completed)**

- Topic: Revisiting infant development (language, action, and attention) in a dynamical system
- Committee members: Viridiana L. Benitez (chair), Linda B. Smith (Indiana University), Arthur M. Glenberg, Polemnia G. Amazeen
- Learning outcome: Li, Y. & Benitez, V. L. (under review). Concurrences across time and sensorimotor capacities promote infant learning. *Child Development Perspectives*.

### **Master project (2022 May, completed)**

- Topic: Assessing the role of working memory in cross-situational word learning
- Committee members: Viridiana L. Benitez (chair), Gene Brewer, Stephen Goldinger
- Learning outcome: Li, Y. & Benitez, V.L. (2024). Probing the role of multilingualism and working memory in cross-situational word learning. *Journal of Experimental Psychology: Learning, Memory, and Cognition*. Advance online publication. <https://doi.org/10.1037/xlm0001361>

### **First-year project (2021 May, completed)**

- Topic: Applying Mandarin Chinese lexical tones to cross-situational word learning to understand bilingual word learning
- Committee members: Viridiana L. Benitez (chair), Arthur M. Glenberg, Gene Brewer
- Learning outcome: Li, Y. & Benitez, V. L. (2023). Lexical tone as a cue in statistical word learning from bilingual input. *Bilingualism: Language and Cognition*. Advance online publication. <https://doi.org/10.1080/15475441.2023.2256713>

### **Research Grants & Fellowship**

- 2024 Completion Fellowship, 2024 Fall - 2025 Spring (\$24,600 per academic year), Graduate College, ASU
- 2024 Graduate Research Support Program Grant (\$1,982, Terminal Project Category), Graduate College and Graduate and Professional Student Association, ASU
- 2023 Jumpstart Research Grant (\$750), Graduate and Professional Student Association, ASU
- 2023 Innovation Fellowship (\$300), Graduate Professional Student Association, ASU
- 2022 Jumpstart Research Grant (\$750), Graduate and Professional Student Association, ASU
- 2020 Pandemic Impact Grant (\$744.25), Graduate College, ASU

### **Awards**

- 2024 Outstanding Mentor Award (\$750), Graduate and Professional Student Association, ASU
- 2024 Retention Award (\$7,376), Department of Psychology, ASU
- 2023 Honorable Mention Award (\$400, Completed Research Category), Institute for Social Science Research Poster Contest, The College of Liberal Arts and Sciences, ASU
- 2023 Psychology Graduate Scholar Doctoral Award (\$1,000), Department of Psychology, ASU
- 2023 Graduate Excellence Award (\$100), The College of Liberal Arts & Sciences, ASU
- 2022 Research Excellence Award (\$750), Graduate and Professional Student Association, ASU
- 2017 Research Poster Exhibition Contest 1<sup>st</sup> Place Award, The Chinese University of Hong Kong
- 2017 Outstanding Graduate Award, The Independent Learning Center, The Chinese University of Hong Kong

### **Travel Funding**

- 2024 Individual Travel Grant for the IEEE International Conference on Development and Learning (ICDL) conference (\$950), Graduate Professional Student Association, ASU
- 2024 Individual Travel Award for Biennial Conference Cognitive Development Society (\$300), Graduate College, ASU
- 2023 Group Travel Grant for Biennial Conference Cognitive Development Society (\$950 to individuals), Graduate and Professional Student Association, ASU

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- 2023 Individual Travel Grant for Biennial Conference Society for Research in Child Development (\$950), Graduate Professional Student Association, ASU
- 2022 Individual Travel Award for Biennial Conference Society for Research in Child Development (\$110), Graduate College, ASU
- 2022 Group Travel Grant for Cognitive Development Society Conference (\$950 to individuals), Graduate and Professional Student Association, ASU
- 2022 Diversity Travel Award (\$750) from Cognitive Development Society Conference, Cognitive Development Society
- 2021 Individual Travel Award (\$35) for ACM Symposium on Eye Tracking Research & Applications, Graduate and Professional Student Association, ASU
- 2020 Online/Remote Travel Award (\$35) for Budapest CEU Conference on Cognitive Development, Graduate College, ASU
- 2020 Individual Travel Award for International Conference of Infant Studies (\$110), Graduate College, ASU

### Invited Talks

- 2024 **Li, Y.** (July). U.S. English-speaking children and adults exhibit a “Gleam-Glum” sound symbolic effect linking phonemic vowel sounds with emotional valence. Talk for the course History and Scope of Psychological Science (in Mandarin Chinese), New College of Interdisciplinary Arts and Sciences, ASU (remote)
- 2024 **Li, Y.** (July). How to polish my CV? Talk at the 2024 Emerging Scholars Professional Development Series, Department of Psychology, ASU
- 2023 **Li, Y.** (September). How do children learn from statistics? Talk for the course Developmental Psychology lectured by Viridiana L. Benitez, ASU
- 2023 **Li, Y.** (June). All about data (Plotting in R). Talk at 2023 Emerging Scholars Professional Development Series, Department of Psychology, ASU
- 2023 **Li, Y.** (May). Development of sound symbolic effect: evidence of Gleam-Glum effect among English-speaking adults and children. Talk at The College of Education and Technology, Central China Normal University, China (remote)
- 2022 **Li, Y.** (December). Cross-situational word learning under variant word-referent mapping structures. Talk at Tsuji Lab, International Research Center for Neurointelligence, The University of Tokyo, Japan (remote)
- 2022 **Li, Y.** (September). Learning from statistics. Talk for the course Cognitive Development lectured by Kelsey Lucca, ASU

### Conference Presentation

#Denotes student/mentee co-authors

\*Denotes equal authorship

- Li, Y.**, Landfair, J. T., Amazeen, P. G., Lucca, K., & Benitez, V. L. Parent-toddler speech synchrony when playing with familiar and unfamiliar objects - an application of cross-recurrence quantification analysis. Poster presented at: 2024 IEEE International Conference on Development and Learning (ICDL), May 2024; Austin, Texas
- Kuo, J.<sup>#</sup>, **Li, Y.**, Yu, S. P., McBeath, M., & Benitez., V. L. The “Wham-Womb” sound symbolic effect: English-speaking children and adults link phonemes with arousal. Non-presenting author for a poster presented at: 2024 College of Health Solutions Student Research Symposium; Apr 2024; Phoenix, Arizona
- \*Malhotra, T.<sup>#</sup>, \*Smolens, L.<sup>#</sup>, Aberra, E.<sup>#</sup>, Bellani, A.<sup>#</sup>, Giron, R.<sup>#</sup>, Gomez, A.<sup>#</sup>, **Li, Y.**, Lucca, K., & Benitez., V. L. How do parents talk about a whisk? - An assessment of child-directed talk during parent-child toy play with unfamiliar and familiar objects. Non-presenting author for a poster presented at: 2024 AZPURC; Apr 2024, Tempe, Arizona
- Li, Y.**, Lucca, K., & Benitez., V. L. The properties of child-directed speech in parent-toddler play with familiar and unfamiliar objects. Poster presented at: 2024 Child Development Society; Mar 2024; Pasadena, California
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- Cardona, E.<sup>#</sup>, Midgett, J.<sup>#</sup>, Li, Y., Lucca, K., & Benitez, V. L. Verb extension by perceptual cues of shape and texture among young children. Non-presenting author for a poster presented at: 2023 AZPURC, April 2023; Tempe, Arizona
- Wang, V.<sup>#</sup>, Li, Y., & Benitez, V. L. The role of instructional language on bilingual working memory performance. Non-presenting author for a poster presented at: 2023 AZPURC, Apr 2023; Tempe, Arizona
- Li, Y., Yu, S. P., Kuo, J.<sup>#</sup>, Randall, J.<sup>#</sup>, Sather, A.<sup>#</sup>, Keefer, S.<sup>#</sup>, McBeath, M., & Benitez., V. L. The “Gleam-Glum” sound symbolic effect: children and adults link phonemic vowel sounds with emotional valence. Poster presented at: 2023 Society of Research in Child Development, Mar 2023; Salt Lake City, Utah
- McBeath, M. K., Yu, S. P., Li, Y., Zapp, T., & Benitez, V. L. Did Phonemics Originally Evolve to Discriminate Emotions? Gleam-Glum and Wham-Womb Effects are Robustly Confirmed When Naming Emotional Cartoons with Pseudowords. Non-presenting author for a talk presented at: 2022 Psychonomics conference, Nov 2022; Boston, Massachusetts.
- Li, Y., & Benitez, V. L. The role of working memory in cross-situational word learning. Poster presented at: 2022 Psychonomics conference, Nov 2022; Boston, Massachusetts.
- Li, Y., Lucca, K., & Benitez, V.L. Learn verbs from shared perceptual cues among examples. Poster presented at: 2022 International Congress of Infant Studies, July 2022; Ottawa, Canada.
- Li, Y., & Benitez, V. L. Lexical tone as a linguistic cue in statistical word learning from bilingual input. Poster presented at: 2022 Cognitive Development Society, April 2022; Madison, Wisconsin.
- Li, Y., & Benitez, V. L. Lexical tone as a linguistic cue in statistical word learning from bilingual input. Talk presented at: 2021 The Asia-Pacific Babylab Constellation, December 2021; Online
- Benitez, V. L., Li, Y., & Cassandra, C. Bilingual statistical word learning in children and adults. Non-presenting author for a talk presented at: 2021 Society for Research in Child Development, April 2021; Online
- Zhang, Z., Li, Y., & Huang, Y. A corpus-based study of epistemic modality in Chinese university students' English writing. Poster presented at: 2017 Research Poster Exhibition Contest of The Chinese University of Hong Kong, May 2017; Shatin, HK.

## Service

- 2023-Pre Developing teaching and mentoring materials for the career development workshop series in the Emerging Scholar Summer Internship Program, Tempe, Arizona
- 2020-Pre Serving as graduate mentor of the ENERGIZE program of ASU, Tempe, Arizona
- 2024 Developing and organizing R training workshop series for R beginners, Tempe, Arizona
- 2024 Serving as a poster reviewer for American Psychological Association Conference (2024)
- 2023,24 Coordinating with local preschools (Eagle Elementary) and museums (i.d.e.a. museum) to organize outreach activities for family recruitment, Arizona
- 2021,23 Serving as an AZPURC poster judge for the undergraduate poster contest, Department of Psychology, ASU, Tempe, Arizona
- 2023 Organizing invited talk of visiting speaker(s) to Early Childhood Cognition Research Group of ASU, Tempe, Arizona
- 2022 Organizing weekly toy-crafting session for stress relief among undergraduate and graduate students, and for making toys for research projects, Tempe, Arizona
- 2010-14 Volunteering in environmental protection activities in Youth Volunteer Association, Beijing, China

## Mentorship

- 2019-Pre Mentored or still mentoring 26 students (2 master students, 2 Emerging scholar summer interns, and 22 undergraduate research assistants)

## Mentee Awards

- 2024 Anyssia Gomez won Shapiro Scholarship awarded by Department of Psychology, ASU
- 2024 Luka Smolens received Emerging Scholar Summer Internship (2024 - 2025 summers) funded by Emerging Minds Lab, ASU
- 2023 Tanvi Malhotra received Emerging Scholar Summer Internship (2023 - 2024 summers) funded by Emerging Minds Lab, ASU

2022 Evelyn Cardona won Shapiro Scholarship awarded by Department of Psychology, ASU

### **Mentee Thesis/Dissertation**

2024 Jillian Kuo (master student) passed her master thesis on the topic of Sound symbolic effect (Wham-Womb Effect) across children and adults

2023 Valerie Wang passed her undergraduate dissertation on the topic of Bilingualism and working memory

2023 Ruwayd Raffa passed his undergraduate dissertation on the topic of Predictable events and young children's word learning

2023 Evelyn Cardona passed her undergraduate dissertation on the topic of Multiple exemplars of shared perceptual cues on toddlers' verb extension

### **Mentee Current Academic Position**

- Jillian Kuo (2024 graduate) will be trained in a medical school located in Arizona
- Kaede Hattori (2021 graduate) completed her graduate studies in Cognitive and Development Psychology at Kyushu University, Japan
- Rebeca Alvarado Ortega (2021 graduate) is currently a coordinator in School of Transborder Studies, New Interdisciplinary Arts and Sciences at Arizona State University

### **Mentee List (by project)**

\*Denotes students from the ENERGIZE program at ASU

#### **2023–Pre Novel object talk in children**

Tanvi Malhotra (Summer intern, 2023-24)

Luka Smolens\* (Summer intern, 2024-25)

Reyan Giron

Anyssia Gomez (Shapiro scholarship awardee, 2024)

Aryan Bellani

Elianna Aberra

Drew Wilson\*

#### **2023-2024 Wham-Womb effect in children**

Jillian Kuo (Master student)

#### **2022-2023 Gleam-glum effect in children**

Jada Randall (Honor's student)

Chantelle Robinson

Skyler Keefer

Amanda Sather

#### **2022-2024 Bilingual working memory in adults**

Valerie Wang

Renee Kang (Master student)

#### **2019-2022 Lexical tone and cross-situational word learning**

Kaede Hattori

Alejandra Garcia

Rebeca Alvarado Ortega\*

Roy Vasquez

#### **2021-2022 Working memory and cross-situational word learning**

Imtithal Noor

Zixin Hu

Benjamin Kussmann

Evelyn Cardona

#### **2022-2023 Eye movements and predictability in infants' word learning**

Rudy Raffa

Echo Lim

#### **2022-2023 Learning verbs in young toddlers**

Evelyn Cardona\* (Shapiro scholarship awardee, 2022)

Molly Mansker

Jenna Midgett

Marisa Karbowski

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## Teaching

### Independent teaching

Lab instructor for undergraduate courses in the Department of Psychology, ASU. 2020 Fall, 2021 Spring, 2023 Spring

- Course(s): Research Methods

### Teaching assistant

Teaching assistant for undergraduate-level and graduate-level courses at ASU. 2019 Fall, 2020 Spring, 2021 Fall, 2022 Spring, 2022 Fall, 2023 Fall, 2024 Spring, and 2024 Summer

- Course(s) taught in English: Embodied Cognition, Sensation and Perception, Cognitive Development, Developmental Psychology, Learning and Motivation, Design and Stats for Neuroscience, Introduction to Statistics.

- Course(s) taught in Mandarin Chinese: History & Scope of Psychological Science, Advanced Cognitive Science

### Interest outside lab

2022, Dec Battle guest (top 8) of street dance competition event (popping category 1 on 1), organized by Furious Style Crew, Tempe, Arizona

2022, Nov Top 8 (and the only lady) of street dance competition event (popping category 1 on 1), organized by Furious Style Crew, Tempe, Arizona

2023, Nov Top 8 of street dance competition event Power Sol (freestyle category 3 on 3), organized by ASU Street Dance, Tempe, Arizona

2022, Oct Top 32 of nationwide street dance competition event HotZone Session (popping category 1 on 1), organized by Maya Community, Avondale, Arizona

2022, Sep Participant of street dance competition event Park after Dark (popping category 1 on 1), organized by Furious Style Crew, Tempe, Arizona

2022, Aug Top 16 of street dance event (freestyle category 1 on 1), organized by Jukebox Dance Studio, Mesa, Arizona

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