

KHUYEN N. LE

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EDUCATION

Ph.D., Experimental Psychology Expected 06/2028
UC San Diego, San Diego, CA
Language and Development Lab
Dissertation: "Minding Meaning: Integrating Epistemic Cues in Word Learning"
Committee: David Barner, Martin Zettersten, Bria Long, Adena Schachner, Rachel Dudley

M.S., Computer Science (Human-Computer Interaction) Conferred 06/2022
Stanford University, Stanford, CA

B.S. (with Dept. Honors and Distinction), Symbolic Systems (Cognitive Science) Conferred 06/2021

B.A. (with Distinction), Comparative Literature
Minor in English (Creative Writing)
Stanford University, Stanford, CA

JOURNAL PUBLICATIONS

Le, K. N., Hyde, D. & Barner, D. (in prep). Measuring parallel-forms reliability of the physical and electronic Give-N task.

Le, K. N., Zettersten, M. & Barner, D. (in prep). Children and adults monitor speaker ignorance to learn words cross-situationally.

Le, K. N., & Barner, D. (under review). The role of epistemic reasoning in mutual exclusivity inferences. [\[preprint\]](#)

Le, K. N., Bale, A. C., & Barner, D. (under review). Object-mass nouns specify individuation lexically: Evidence from English and French. [\[preprint\]](#)

Le, K. N., Schneider, R. M., & Barner, D. (2025). The Development of Cardinal Extension: From Counting to Exact Equality. *Developmental Psychology*, 61(6), 1180–1195. [\[publisher\]](#) [\[pdf\]](#)

Bohn, M., **Le, K. N.**, Peloquin, B., Köymen, B. & Frank, M.C. (2020), Children's interpretation of ambiguous pronouns based on prior discourse. *Developmental Science*, 24, e13049. [\[paper\]](#)

Staveley, A., Elott, E., **Le, K. N.**, Hou, E., & Morgan, P. (forthcoming). Virginia Woolf in Circulation: The Hogarth Press Order Books, Modernist Bookselling, and Digital Praxis. *Modernism/modernity*.

PEER-REVIEWED CONFERENCE PROCEEDINGS

Le, K. N., Bale, A. C., & Barner, D. (2025). Who Has More Furniture? Context Effects on the Quantification of Mass vs. Count Superordinate Nouns. In *Proceedings of the Annual Meeting of the Cognitive Science Society* (Vol. 47). [\[paper\]](#)

Le, K. N., Kwon, C., Wu, M., & Barner, D. (2024). 'Five' is the number of bunnies and hats: Children's understanding of cardinal extension and exact number. In *Proceedings of the Annual Meeting of the Cognitive Science Society* (Vol. 46). [\[paper\]](#)

Duan, Y., **Le, K. N.** & Lupyan, G. (2024). Differences in distributional structure can lead to differences in similarity biases. In *The Evolution of Language: Proceedings of the 15th International Conference (Evolang XV)*. [\[paper\]](#)

Cheng, A. Y., Guo, M., Ran, M., Ranasaria, A., Sharma, A., Xie, A., **Le, K.N.**, ... & Landay, J. A. (2024). Scientific and Fantastical: Creating Immersive, Culturally Relevant Learning Experiences with Augmented Reality and Large Language Models. In *Proceedings of the CHI Conference on Human Factors in Computing Systems* (pp. 1-23). [\[paper\]](#)

Le, K. N., Gao, S., Frank, M. C., & Carstensen, A. (2023). Re-examining cross-cultural similarity judgments using language statistics. In *Proceedings of the Annual Meeting of the Cognitive Science Society* (Vol. 45). [\[paper\]](#)

PREPRINTS & OTHERS

Le, K. N., & Barner, D. (2023). Syntax-Semantics Mappings of Superordinate Nouns: Mass-Count Syntax and Inferences about Functional Context. [\[preprint\]](#)

Le, K. (2021). Is It Language or Is It Culture? Re-examining Cross-Cultural Similarity Judgments Using Lexical Co-Occurrence. Undergraduate honors thesis, Stanford University. Stanford Digital Repository. [\[thesis\]](#)

CONFERENCE PRESENTATIONS

- Le, K. N.,** Zettersten, M. & Barner, D. (2026). What speakers don't know: Children incorporate ignorance statements to learn words cross-situationally. Talk presented at the Bi-ennial Conference of the Cognitive Development Society.
- Le, K. N.,** & Barner, D. (2025). Animal but not Dog: Children's computation of implicatures for hierarchically-structured categories. Poster presented at the 50th Annual Boston University Conference on Language Development. [\[poster\]](#)
- Le, K. N.,** Bale, A. C., & Barner, D. (2025). Object-mass nouns specify individuation lexically: Evidence from English and French. Talk presented in the 47th Annual Meeting of the Cognitive Science Society.
- Le, K. N.,** & Barner, D. (2025). Animal but not Dog: Children's computation of implicatures in hierarchically-structured categories. Talk presented at the 1st Southern California Meeting for Investigations in Developmental Science.
- Le, K. N.,** & Barner, D. (2024). "Let's call this a dax!" Children and adults consider speaker knowledge when reasoning about novel labels. Talk presented at the 49th Annual Boston University Conference on Language Development.
- Le, K. N.,** Bale, A., & Barner, D. (2024). Who Has More Furniture? Context Effects on the Quantification of Mass vs. Count Superordinate Nouns. Talk presented at the 7th California Meeting of Psycholinguistics.
- Le, K. N.,** Kwon, C., Wu, M., & Barner, D. (2024). 'Five' is the number of bunnies and hats: Children's understanding of cardinal extension and exact number. Talk presented at the 46th Annual Meeting of the Cognitive Science Society.
- Le, K. N.,** Parkinson-Coombs, O., Núñez, R., & Barner, D. (2024). Does eight equal eight? The role of counting knowledge in children's understanding of exact equality. Poster presented at the 7th Annual Conference of the Mathematical Cognition and Learning Society. [\[poster\]](#)
- Duan, Y., **Le, K. N.** & Lupyan, G. (2024). Differences in distributional structure can lead to differences in similarity biases. Talk presented at the 15th International Conference for the Evolution of Language.
- Cheng, A. Y., Guo, M., Ran, M., Ranasaria, A., Sharma, A., Xie, A., **Le, K. N.,** ... & Landay, J. A. (2024). Scientific and Fantastical: Creating Immersive, Culturally Relevant Learning Experiences with Augmented Reality and Large Language Models. Talk presented at the ACM CHI Conference on Human Factors in Computing Systems.
- Le, K. N.,** & Barner, D. (2024). 'Five' is the number of bunnies and hats: Children's understanding of cardinal extension and exact number. Poster presented at the Bi-ennial Conference of the Cognitive Development Society. [\[poster\]](#)
- Le, K. N.,** Gao, S., Frank, M. C., & Carstensen, A. (2023). Re-examining cross-cultural similarity judgments using language statistics. Talk presented at the 45th Annual Meeting of the Cognitive Science Society.
- Xiaotong, T.X., **Le, K.,** Cha, C., Fleet, S., & Dow, S. (2021). Crowdsourcing Exploratory Cues for Idea Browsing and Inspiration Discovery. Talk presented at the 9th AAAI Conference on Human Computation and Crowdsourcing.
- Le, K.,** Carstensen, A., and Frank, M.C. (2021). Re-Examining Cross-Cultural Similarity Judgments Using Lexical Co-Occurrences. Poster presented at the 43rd Annual Meeting of the Cognitive Science Society. [\[poster\]](#)
- Le, K.,** Wanpei, C., & Kumar, A.P., (2016). DEAD-box RNA helicase DP103 as a novel regulator of Wnt/ β -catenin signaling pathway and promotes cancer stem cell-like behavior in triple negative breast cancers. Poster presented at Singapore Science Research Symposium.

INVITED TALKS

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| 'Five' is the number of bunnies and hats: Children's understanding of cardinal extension and exact number | 02/2024 |
| <i>Ph.D. Program Open House, Psychology, UC San Diego</i> | |
| One-to-one, equality, & number language (with Dr. David Barner) | 08/2023 |
| <i>Workshop on Equality & Exact Number, UC San Diego</i> | |

LECTURES & WORKSHOPS

Statistics, "Workshop: Power Analysis" (UC San Diego)	02/2025
Statistics, "Introduction to Graduate Statistics" (Psychology Ph.D. Orientation, UC San Diego)	09/2024, 09/2025
Psychology and Gaming, "Serious Games" (UC San Diego)	09/2024
Cognitive Psychology, "Language in Cognitive Psychology" (UC San Diego)	08/2024
General Psychology: Biological Foundations, "Learning and Memory" (UC San Diego)	07/2024
Statistics, "Workshop: Linear Mixed-Effects Model" (UC San Diego)	02/2024
Statistics, "Workshop: Programming Web Experiments" (UC San Diego)	08/2023
Statistics, "Workshop: Introduction to R" (UC San Diego)	08/2023

TEACHING EXPERIENCE

Psychology of Human Sexuality (UC San Diego)	Winter 2026
Choice and Self Control (UC San Diego)	Summer 2025
Psychology Lab: Social Psychology (UC San Diego)	Summer 2025
Quantitative Methods in Psychology (Graduate Methods & Statistics, UC San Diego)	Fall 2023, Winter 2024, Fall 2024, Winter 2025
Psychology and Gaming (UC San Diego)	Summer 2024
General Psychology: Biological Foundations (UC San Diego)	Summer 2024
Cognitive Psychology (UC San Diego)	Summer 2024
Memory and Amnesia (UC San Diego)	Summer 2023
Psychology and the Law (UC San Diego)	Summer 2023
Research Methods in Psychology (UC San Diego)	Fall 2022
Design for Play (Game Design, Stanford University)	Spring 2022
Introduction to Human-Computer Interaction Design (Stanford University)	Winter 2022
Minds and Machines (Cognitive Science, Stanford University)	Fall 2021
Introduction to Neuroscience (International Youth Neuroscience Association) *Teaching Coordinator	Summer 2020
Code in Place (Introduction to Computer Science, Stanford University)	Summer 2020
Introduction to Psychology (Stanford University) *Nominated for the Zimbardo Teaching Prize	Fall 2019

AWARDS & GRANTS

Anderson Travel Awards (UC San Diego)	\$2480	2023- 2025
BUCLD Paula Menyuk Award	\$385, \$400	2024, 2025
Graduate and Professional Student Association Travel Grant (UC San Diego)	\$300	2025
CogSci Diversity & Inclusion Awards	\$1000 x2	2023, 2025
MCLS foundry10 Travel Award	\$625	2024
Vice Provost for Undergraduate Education Small Research Grant (Stanford University)	\$1500	2021
Robert Glushko Prize for Excellence in Undergraduate Research in Symbolic Systems (for outstanding honors thesis, Stanford University)	\$500	2021
K. Jon Barwise Award for Distinguished Contributions to the Symbolic Systems Program (for outstanding work as Advising Fellow, Stanford University)	\$500	2021

Symbolic Systems Summer Program Research Stipends (Stanford University)	\$7500 x2	2019, 2020
Vice Provost for Undergraduate Education Departmental Grant (Linguistics, Stanford University)	\$7000	2018

SERVICE & OUTREACH

Statistics Advisor <i>Psychology, UC San Diego</i>	09/2022 – present
Graduate Peer Mentor <i>Psychology, UC San Diego</i>	09/2023 – present
Panelist, “Developmental Psychology” <i>Ph.D. Program. Open House, Psychology, UC San Diego</i>	02/2025
Panelist, “Pathways to PhD” <i>Psychology, UC San Diego</i>	08/2024
Panelist, “Selecting a Graduate Program” <i>Diversifying Psychology Outreach Event, UC San Diego</i>	10/2023
Organizer, Summer Workshops for Undergraduate Research Assistants <i>Language & Development Lab, Psychology, UC San Diego</i>	07/2023 – 08/2023
Organizer, Distinguished Speaker Lecture Event with Dr. Lera Boroditsky <i>Symbolic Systems, Stanford University</i>	06/2022
Advising Fellow <i>Symbolic Systems, Stanford University</i>	09/2020 – 06/2022
Writing Mentor <i>Structured Liberal Education Program, Stanford University</i>	09/2020 – 06/2022
Residential Assistant <i>Stanford University</i>	09/2020 – 06/2021

AD-HOC REVIEWS

Open Mind; Cognitive Science Society Proceedings; Evolution of Language Conference Proceedings

MENTORED UNDERGRADUATES

- Christine Kwon (Honors Thesis student, 2023-2025)
- Mary Thathireddy (2026--)
- Amiana van Dyke (2025--)
- Keilani Hernandez (2025--)
- Chelsea Melero (2025--)
- Liia Meladze (2025--)
- Alexa Hall (2025)
- Jiying Liu (2024-2025)
- Longcheng Yang (2024-2025)
- Mia Gordon (2024-2025)
- Nicole Zhou (2024)
- Alli Mulqueen (2024)
- Gabriella Ruiz (2023-2024)
- Jolene Nesnas (2023-2024)
- Sophia Daluraya (2023-2024)
- Mincong Wu (2023)
- Elizabeth Hernandez (2023)

TECHNICAL EXPERIENCE

Statistics Advisor	09/22 – present
<i>Psychology, UC San Diego</i>	
Provide support on methods and statistics for graduate students in the department. Host workshops on linear mixed-effects models, reproducible reports, and power analysis.	
jsPsych Hackathon Participant	05/2025
<i>Vassar College</i>	
Contribute to jsPsych community and create plug-ins bridging JATOS and jsPsych to support research on dyads and group interactions. Travel and accommodation awarded by organizers.	

OTHER RESEARCH EXPERIENCE

Research Assistant & Honors Thesis Student, Language and Cognition Lab (PI: Dr. Michael Frank)	06/2018 – 06/2022
<i>Psychology Department, UC San Diego</i>	
Research Assistant, Smart Primer Project (PI: Dr. James Landay)	04/2020 – 03/2022
<i>Human-Computer Interaction Group, Stanford University</i>	
Research Assistant, ProtoLab (PI: Dr. Steven Dow)	06/2021 – 09/2021
<i>Cognitive Science Department, UC San Diego</i>	
Research Assistant, interActive Language Processing Lab (PI: Dr. Judith Degen)	01/2020 – 12/2020
<i>Linguistics Department, Stanford University</i>	
Research Assistant, Memory Lab (PI: Dr. Anthony Wagner)	06/2019 – 09/2019
<i>Psychology Department, Stanford University</i>	
Research Assistant, Modernist Archives Publishing Project (PI: Dr. Alice Staveley)	08/2019 – 01/2021
<i>Center for Spatial and Textual Analysis, Stanford University</i>	
Research Assistant & Science Research Program Fellow, Cancer Science Institute (PI: Dr. Alan Prem Kumar)	06/2015 – 01/2016
<i>National University of Singapore</i>	