

Justin B. Kueser

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Pronouns: He/him/his

Research Interests

Language development; developmental language disorder; late talking; vocabulary development; verb knowledge; sentence processing

Academic Positions

2023-Present Research Scientist I, Director of Emerging Language Knowledge (ELK) Lab, Boys Town National Research Hospital

Education and Training

2021-2023 **Post-doctoral researcher, Purdue University**, Department of Speech, Language, and Hearing Sciences, West Lafayette, Indiana
• Advisor: Dr. Arielle Borovsky

2016-2021 **Ph.D., Purdue University**, Department of Speech, Language, and Hearing Sciences, West Lafayette, Indiana
• Advisor: Dr. Laurence Leonard
• Dissertation: *Semantic and structural factors in sentence comprehension and word learning*

2011-2013 **M.Ed., Speech-language pathology, North Carolina Central University**, Department of Communication Disorders, Durham, NC
• Thesis: *Documentation manageability in school-based speech-language pathology*

2005-2009 **B.A., Linguistics**, University of Michigan, Ann Arbor, MI

Publications

Statistical Overview

Peer-Reviewed Publications: 18 (as of 05/2024)
Google Scholar Citation Data: 273 (as of 05/2024)
h-Index: 9 (as of 05/2024)

Peer-Reviewed Publications

Under review Kueser, J. B., & Borovsky, A. (Under review). Complex meanings shape early noun and verb vocabulary structure and learning.

2024 Kueser, J. B., Borovsky, A., Deevy, P., Muezzinoglu, M., Outzen, C., & Leonard, L. B. (2024). Verb vocabulary supports event probability cues in

developmental language disorder. *Journal of Speech, Language, and Hearing Research*.

Leonard, L. B., Christ, S. L., Deevy, P., Karpicke, J., & Kueser, J. B. (2024). Retrieval practice and word learning by children with developmental language disorder: Does expanding retrieval provide additional benefit? *Journal of Speech, Language, and Hearing Research*, 67(5), 1530–1547.

2023

Kueser, J. B., & Borovsky, A. (2023). Verb vocabularies are shaped by complex meanings from the onset of development. *Proceedings of the 45th Annual Conference of the Cognitive Science Society*, 130–138.

Kueser, J. B., Horvath, S., & Borovsky, A. (2023). Two pathways in vocabulary development: Large-scale differences in noun and verb semantic structure. *Cognitive Psychology*, 143(101574).

Leonard, L. B., Deevy, P., Horvath, S., Christ, S. L., Karpicke, J., & Kueser, J. B. (2023). Can retrieval practice facilitate verb learning in children with developmental language disorder and their peers with typical language development? *Journal of Speech, Language, and Hearing Research*, 1–25.

Kueser, J. B., Peters, R., & Borovsky, A. (2023). The role of semantic similarity in verb learning events: Vocabulary-related changes across early development. *Journal of Experimental Child Psychology*, 226(105565).

2022

Leonard, L. B., Kueser, J. B., Deevy, P., Haebig, E., Karpicke, J. D., & Weber, C. (2022). The contributions of immediate retrieval and spaced retrieval to word learning in preschoolers with developmental language disorder. *Autism & Developmental Language Impairments*, 7, 239694152210776.

2021

Kueser, J. B., Leonard, L. B., Deevy, P., Haebig, E., & Karpicke, J. D. (2021). Word-learning trajectories influence long-term recall in children with developmental language disorder and typical development. *Journal of Communication Disorders*, 94, 106160.

Horvath, S., Kueser, J. B., Kelly, J., & Borovsky, A. (2021). Difference or delay? Syntax, semantics, and verb vocabulary development in typically developing and late-talking toddlers. *Language Learning and Development*.

Leonard, L. B., Christ, S. L., Deevy, P., Karpicke, J. D., Weber, C., Haebig, E., Kueser, J. B., Souto, S., & Krok, W. (2021). A multi-study examination of the role of repeated spaced retrieval in the word learning of children with developmental language disorder. *Journal of Neurodevelopmental Disorders*, 13(1), 20.

Peters, R. E., Kueser, J. B., & Borovsky, A. (2021). Perceptual connectivity influences toddlers' attention to known objects and subsequent label processing. *Brain Sciences*, 11(2), 163.

2020

Leonard, L. B., Deevy, P., Karpicke, J. D., Christ, S. L., & Kueser, J. B. (2020). After initial retrieval practice, more retrieval produces better retention than more study in the word learning of children with developmental language disorder. *Journal of Speech, Language, and Hearing Research*, 63(8), 2763–2776.

Kueser, J. B., & Leonard, L. B. (2020). The effects of frequency and predictability on repetition in children with developmental language disorder. *Journal of Speech, Language, and Hearing Research*, 63(4), 1165–1180.

2019

Leonard, L. B. & Kueser, J. B. (2019). Five overarching factors central to the assessment and treatment of grammatical deficits in children with developmental language disorder. *International Journal of Language & Communication Disorders*, 54(3), 347-361.

Leonard, L. B., Deevy, P., Karpicke, J. D., Christ, S., Weber, C., Kueser, J. B., & Haebig, E. (2019). Adjective learning in young typically developing children and children with developmental language disorder: A retrieval-based approach. *Journal of Speech, Language, and Hearing Research*, 62(12), 4433–4449.

Leonard, L. B., Karpicke, J., Deevy, P., Weber, C., Christ, S., Haebig, E., Souto, S., Kueser, J. B., & Krok, W. (2019). Retrieval-based word learning in young typically developing children and children with developmental language disorder I: The benefits of repeated retrieval. *Journal of Speech, Language, and Hearing Research*, 62(4), 932-943.

Haebig, E., Leonard, L. B., Deevy, P., Karpicke, J., Christ, S., Usler, E., Kueser, J. B., Souto, S., Krok, W., & Weber, C. (2019). Retrieval-based word learning in young typically developing children and children with developmental language disorder II: A comparison of retrieval schedules. *Journal of Speech, Language, and Hearing Research*, 62(4), 944-964.

2018

Kueser, J. B., Leonard, L. B., & Deevy, P. (2018). Third person singular -s in typical development and specific language impairment: Input and neighbourhood density. *Clinical Linguistics & Phonetics* 32(3), 232 – 248.

Presentations

As presenter

2023

Kueser, J. B., Outzen, C., Adams, M., Brown, B., Christ, S., Stiegler, R., & Borovsky, A. (2023). *Delayed language development affects semantic competition in 18-month-olds*. Boston University Conference on Language Development, Boston, MA.

- Kueser, J. B., & Borovsky, A. (2023). *Verb vocabularies are shaped by complex meanings from the onset of development* [Talk]. 45th Annual Conference of the Cognitive Science Society, Sydney, Australia.
- Kueser, J. B., Borovsky, A., Deevy, P., Outzen, C., & Leonard, L. B. (2023). *Knowledge and processing affect online prediction in developmental language disorder* [Talk]. Symposium on Research in Child Language Disorders [SRCLD], Madison, WI.
- Kueser, J. B., Borovsky, A., Deevy, P., Outzen, C., & Leonard, L. B. (2023). *Knowledge and processing affect online prediction in developmental language disorder* [Talk]. 36th Annual Conference on Human Sentence Processing, Pittsburgh, Pennsylvania.
- Kueser, J. B., Deevy, P., Borovsky, A., Indarjit, M., Muezzinoglu, M., Outzen, C., & Leonard, L. B. (2023). *Vocabulary supports event probability cues in developmental language disorder* [Poster]. 36th Annual Conference on Human Sentence Processing, Pittsburgh, Pennsylvania.
- 2022 Kueser, J. B., Horvath, S., & Arielle, B. (2022). *Two pathways in vocabulary development: Differences in noun and verb semantic structure*. Boston University Conference on Language Development [BUCLD], Boston, MA.
- Kueser, J. B., Deevy, P., Borovsky, A., Indarjit, M., Muezzinoglu, M., Outzen, C., & Leonard, L. B. (2022). *Event probability cues in passive sentence interpretation in children with developmental language disorder*. Symposium on Research in Child Language Disorders [SRCLD], Madison, WI.
- 2021 Kueser, J. B., Leonard, L. B., Deevy, P., Haebig, E., & Karpicke, J. D. (2021). *Word-learning trajectories influence long-term recall in children with developmental language disorder and typical development* [Oral presentation]. Symposium on Research in Child Language Disorders [SRCLD], Virtual.
- Kueser, J. B., Peters, R., Borovsky, A. (2021). *Learning verbs from events: Semantic similarity differentially affects generalization across toddlerhood*. Society for Research in Child Development (SRCD) Biennial Meeting, Virtual.
- Kueser, J. B., Peters, R., Deevy, P., & Leonard, L. B. (2021). *Exposure to plurals can help or hurt plural production*. CUNY Human Sentence Processing conference, Virtual.
- 2020 Kueser, J. B., Peters, R., Deevy, P., & Leonard, L. B. (2020). *Exposure to plurals can help or hurt plural production*. Symposium on Research in Child Language Disorders [SRCLD], Madison, WI. Cancelled due to COVID-19.

- 2019 Kueser, J. B. & Leonard, L. B. (2019). *Sound-meaning systematicity in early word learning*. CUNY Human Sentence Processing conference, Boulder, CO.
- 2018 Kueser, J. B. & Leonard, L. B. (2018). *The effects of sequence frequency and distributional characteristics on repetition in children with specific language impairment*. Symposium on Research in Child Language Disorders [SRCLD], Madison, WI.
- 2017 Kueser, J. B. & Leonard, L. B. (2017). *The effects of sequence frequency and distributional characteristics on repetition in children with specific language impairment*. Crossroads Conference at Purdue University, West Lafayette, IN.

Awards and Grants

- 2023 NIH/NIDCD Subcontract award, R01DC018593, PI: Arielle Borovsky, 12/01/2023-02/29/2024
- 2022 NIH/NIDCD Loan Repayment Program (LRP) Award, 2022-2024
- 2020 Graduate Student Incentive Award, Purdue University
- 2019 NIH/NIDCD F31 fellowship, *Comprehension of Passive Sentences in Developmental Language Disorder*, F31 DC018435, 2019-2021
- College of Health and Human Sciences Graduate Student Grant Award, Purdue University
- Frances Patton Wilson and D. Kenneth Wilson Memorial Scholarship in Audiology and Speech Sciences, Purdue University
- 2018 NIH/NIDCD T32 fellowship, *Communicative Disorders*, Purdue University, Department of Speech, Language, and Hearing Sciences, T32 DC000030, 2018-2019
- 2017 Crossroads Conference poster award, Purdue University
- 2016 Purdue Doctoral Fellowship, Purdue University, 2016-2018

Teaching

- 2022 **Guest lecturer**, Purdue University
SLHS 444, Introduction to Research in Communication Sciences and Disorders
- 2021 **Guest lecturer**, Purdue University
SLHS 444, Introduction to Research in Communication Sciences and Disorders

2019 **Instructor**, Purdue University
SLHS 309, Language Development, co-instructor, Fall 2019

Guest lecturer, SLHS 115, Introduction to Communication Disorders

Academic Service and Mentoring

Ad-hoc reviewer *Scientific Reports*
 First Language
 Journal of Communication Disorders
 Journal of Child Language
 Child Development
 MPaL 2020 (Many Paths to Language) conference

2021 NSSLHA discussion panel about career and higher education options for undergraduates majoring in speech, language, hearing sciences, Purdue University (10/25/21)

2016 Supervised Master’s level speech-language pathology student, Spring

Clinical Licensure and Work Experience

2024-Present Licensure in Speech-Language Pathology, Nebraska Department of Health and Human Services, License Number 2796

2016-2023 Licensure in Speech-Language Pathology, Indiana Professional Licensing Agency, License Number 22006491A

2013-Present Certificate of Clinical Competence in Speech-Language Pathology, American Speech-Language-Hearing Association

2013-2016 Speech-language pathologist, Durham Public Schools, NC