

Katie Von Holzen

Lecturer and Researcher

Publication List

August 2024

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Published peer-reviewed papers

1. Von Holzen, K., van Ommen, S., White, K., & Nazzi, T. (2023). The impact of phonological biases on mispronunciation sensitivity and novel accent adaptation. *Language Learning and Development*, 19(3), 303–322. <https://doi.org/10.1080/15475441.2022.2071717>
2. Von Holzen, K., & Bergmann, C. (2021). The development of infants' responses to mispronunciations: A Meta-Analysis. *Developmental Psychology*, 57(1), 1–18. <https://doi.org/10.1037/dev0001141>
3. Newman, R. S., Kirby, L. A., Von Holzen, K., & Redcay, E. (2021). Read my lips ! Perception of speech in noise by preschool children with autism and the impact of watching the speaker's face. *Journal of Neurodevelopmental Disorders*, 13(4), 1–20. <https://doi.org/10.1186/s11689-020-09348-9>
4. Raneri, D., Von Holzen, K., Newman, R., & Ratner, N. B. (2020). Change in maternal speech rate to pre-verbal infants over the first two years of life. *Journal of Child Language*, 1–13. <https://doi.org/10.1017/S030500091900093X>
5. Von Holzen, K., & Nazzi, T. (2020). Emergence of a consonant bias during the first year of life: New evidence from own-name recognition. *Infancy*, 25(3), 319–346. <https://doi.org/10.1111/infa.12331>
6. ManyBabiesConsortium. (2020). Quantifying sources of variability in infancy research using the infant-directed speech preference. *Advances in Methods and Practices in Psychological Science*, 3(1), 24–52. <https://doi.org/10.1177/2515245919900809>
7. O'Fallon, M., Von Holzen, K., & Newman, R. S. (2020). Preschoolers' word-learning during storybook reading interactions: Comparing repeated and elaborated input. *Journal of Speech Language and Hearing Research*, 1–13. https://doi.org/10.1044/2019_JSLHR-19-00189
8. Bobb, S. C., Von Holzen, K., Mayor, J., Mani, N., & Carreiras, M. (2020). Co-activation of the L2 during L1 auditory processing : An ERP cross-modal priming study. *Brain and Language*, 203, 104739. <https://doi.org/10.1016/j.bandl.2019.104739>
9. Von Holzen, K., Fennell, C. T., & Mani, N. (2019). The impact of cross-language phonological overlap on bilingual and monolingual toddlers' word recognition. *Bilingualism: Language and Cognition*. <https://doi.org/10.1017/S1366728918000597>
10. Von Holzen, K., Nishibayashi, L.-L., & Nazzi, T. (2018). Consonant and vowel processing in word form segmentation: An infant ERP study. *Brain Sciences*, 8(24), 1–15. <https://doi.org/10.3390/brainsci8020024>
11. Nazzi, T., Poltrock, S., & Von Holzen, K. (2016). The developmental origins of the consonant bias in lexical processing. *Current Directions in Psychological Science*, 25(4), 291–296. <https://doi.org/10.1177/0963721416655786>
12. Von Holzen, K., & Mani, N. (2014). Bilinguals implicitly name objects in both their languages: An ERP study. *Frontiers in Psychology*, 5(DEC), 1–12. <https://doi.org/10.3389/fpsyg.2014.01415>
13. Von Holzen, K., & Mani, N. (2012). Language nonselective lexical access in bilingual toddlers. *Journal of Experimental Child Psychology*, 113, 569–586. <https://doi.org/10.1016/j.jecp.2012.08.001>

Manuscripts accepted

1. Kosie, J., Zettersten, M., & The ManyBabies5 Team. (n.d.). ManyBabies5: A large-scale investigation of the proposed shift from familiarity preference to novelty preference in infant looking time. *Nature Human Behavior*. <https://doi.org/10.31234/osf.io/ck3vd>

Manuscripts under revision or review

1. Von Holzen, K., & Newman, R. (n.d.). Ab initio word segmentation in infant- and adult-directed speech. https://osf.io/f2mqe/?view_only=25317ee805684313bb651dcabb37fb31
2. Von Holzen, K., & Newman, R. (n.d.). Children's foreign word recognition at first exposure: The role of phonological similarity and utterance position. https://osf.io/q9duz/?view_only=0c60519b04194ec8aa0ab9b0ae9b63d6

Manuscripts in preparation

1. der Nederlanden, S., Lovevi, I., Von Holzen, K., & Tsuji, S. (n.d.). Testing infants' word comprehension online using a Looking-While-Listening procedure: Age and carrier phrase matter. https://osf.io/7dpqg/?view_only=620d69ba96d24e4892bcfe351dc3a406

2. Von Holzen, K. (n.d.). The role of speech register in foreign word learning. https://osf.io/5g2bz/?view_only=5ed0e404a83746cd906a4720232e3d3e
3. Von Holzen, K., Schnieders, M., Wulfert, S., & Hopp, H. (n.d.). The role of lexical overlap and cognate facilitation in initial child foreign language speech segmentation. https://osf.io/dsg57/?view_only=b0ee304b3b0941ffa6e64ce0abc3b193
4. Von Holzen, K., Wulfert, S., Schnieders, M., & Hopp, H. (n.d.). Primary school students' foreign language speech segmentation before instruction: An investigation of L1 phonotactic cue use. https://osf.io/58bhv/?view_only=d48e6184241f4c77b5cb1ce20c98e2d7

Chapters in Books

1. Newman, R., & Von Holzen, K. (2023). Communication Development in Infancy. In J. Berko Gleason & N. Bernstein Ratner (Eds.), *The development of language* (10th Edition). Plural Publishing Inc.
2. Bobb, S. C., Drummond Nauck, L. Y., Altvater-Mackensen, N., Von Holzen, K., & Mani, N. (2016). Listening with your cohort: Do bilingual toddlers co-activate cohorts from both languages when hearing words in one language alone? In *Cognitive control and consequences of multilingualism* (pp. 47–69). John Benjamins Publishing Company.

Peer-Reviewed Conference Proceedings

1. Von Holzen, K., & Bergmann, C. (2018). A meta-analysis of infants' mispronunciation sensitivity development. In T. T. Rogers, M. Rau, X. Zhu, & C. W. Kalish (Eds.), *Proceedings of the 40th annual conference of the cognitive science Society* (pp. 1157–1162). Cognitive Science Society, Inc.

Open Data

The entire set of materials, data, and analysis scripts for these manuscripts are hosted by the Open Science Framework.

PhD Thesis

1. Von Holzen, K. (2013). The initial and long-lasting effects of early bilingual language acquisition on lexical access: Evidence from ERP and eye-tracking studies [Unpublished doctoral dissertation]. Georg-August-Universität Göttingen.

Invited Talks and Conference Activity

Invited Talks

1. Von Holzen, K. (2024). The role of lexical overlap and cognate facilitation in initial child foreign language speech segmentation. Presented at the Chair for German Linguistics Colloquium, Ludwig Maximilian University of Munich, Germany.
2. Von Holzen, K. (2024). Speech segmentation in pre-EFL children: The role of lexical and sublexical cues. Presented at the Chair for Psycholinguistics Colloquium, University of Mannheim, Germany.
3. Von Holzen, K. (2024). Foreign language processing before instruction: Speech segmentation in pre-EFL children. Presented at the Centre for Language Studies Colloquium Series, Radboud University, Netherlands.
4. Von Holzen, K. (2024). Meta-analysis and mispronunciations: An introduction to meta-analyses. Presented at the Child Language Lab Colloquium, Chosun University, South Korea.
5. Von Holzen, K. (2024). Realizing accessibility and improving reliability in developmental science: Remote, online testing with ManyBabies-AtHome. Presented at the Workshop "Learning in Babies and Machines: Reciprocal Insights and Methodological Synergies," Chosun Center for Data Science in Humanities, South Korea.
6. Von Holzen, K. (2023). Studying speech segmentation online using behavioral, eye-tracking, and electrophysiological methods. Presented at the Ringvorlesung "Recent Advances in Linguistic Methods," Ludwig Maximilian University of Munich, Germany.
7. Von Holzen, K. (2022). Doyouunderstandwhatimsaying : How learners break into speech stream segmentation. Presented at the HaBilNet2 Workshop, Frankfurt, Germany.
8. Von Holzen, K. (2022). Using cluster-based permutation tests to analyse eye-tracking data. Presented at the CLaS Eye-tracking Workshop 2, Macquarie University, Australia.
9. Von Holzen, K. (2022). DoyouunderstandwhatIamsaying? How learners break into speech segmentation. Presented at the LinguisTisch Seminar Series, Sociolinguistics Lab, Universität Duisburg-Essen, Germany.
10. Von Holzen, K. (2022). DoyouunderstandwhatIamsaying? How learners break into speech segmentation. Presented at the Linguistics Colloquium, TU Braunschweig, Germany.

11. Von Holzen, K. (2021). Babies know words, even when they're mispronounced: An introduction to meta-analyses. Presented at the German Seminar Colloquium, Albert-Ludwigs Universitaet Freiburg, Germany.
12. Von Holzen, K. (2020). Babies know words, even when they're mispronounced: A meta-analysis of mispronunciation sensitivity studies. Presented at the Team Meeting of the Language and Cognition Group, The Institute of Neuroscience and Cognition, Paris Descartes Universite, France.
13. Von Holzen, K. (2019). On the road to bilingualism: Foreign speech processing at first exposure in early childhood. Presented at the Psychology Institute Colloquium, Johannes Gutenberg Universitaet Mainz, Germany.
14. Von Holzen, K. (2019). Babies know words, even when they're mispronounced: A meta-analysis of mispronunciation sensitivity. Presented at the Linguistics Department, City University of New York, USA.
15. Von Holzen, K. (2018). On the road to bilingualism: The role of age in foreign speech processing. Presented at the Team Meeting of the Language and Cognition Group, The Institute of Neuroscience and Cognition, Paris Descartes Universite, Paris, France.
16. Von Holzen, K. (2016). Phonological and lexical processing in first language and multilingual acquisition. Presented at the Linguistics Faculty, Potsdam, Germany.
17. Von Holzen, K., & Nazzi, T. (2016). Origine de l'asymetrie consonne/voyelle lors du traitement lexical. Presented at the Agence nationale de la recherche meeting of the grant funding programme BLANC 2013, Paris, France.
18. Von Holzen, K. (2014). Segmentation of infant- and adult-directed speech in 12-month-olds: An ERP study. Presented at the Concordia Infant Research Laboratory Team Meeting, Montreal, Canada.
19. Von Holzen, K. (2012). The cognate facilitation effect in bilingual and monolingual toddlers. Presented at the Workshop on Monolingual and Bilingual Word Recognition and Learning in Infants and Adults, Basque Center on Cognition, Brain, and Language, San Sebastian, Spain.
20. Von Holzen, K. (2012). Learning phonemes from faces: The role of speaker identity in non-native phoneme discrimination. Presented at the Workshop on Monolingual and Bilingual Word Recognition and Learning in Infants and Adults, Basque Center on Cognition, Brain, and Language, San Sebastian, Spain.
21. Von Holzen, K. (2012). Mechanisms underlying lexical processing in monolingual and bilingual toddlers. In L. Polka (Chair), Comparing monolingual and bilingual language acquisition during infancy. Invited symposium conducted at the XVIIIth Biennial International Conference on Infant Studies, Minneapolis, MN.

Conference Talks

1. Von Holzen, K., & Team, T. M.-A. L. (2024). ManyBabies-AtHome looking while listening: An online, cross-linguistic word recognition study. Presented at IASCL 2024, Prague, Czech Republic.
2. Wulfert, S., Von Holzen, K., Schnieders, M., & Hopp, H. (2023). Use of L1 phonotactics in initial foreign-language speech segmentation. Presented at EuroSLA 32, Birmingham, UK.
3. Von Holzen, K., Bergmann, C., & ManyBabies-AtHome-Consortium. (2022). ManyBabies-AtHome looking while listening: Constructing an online, cross-linguistic investigation of word recognition. Presented at the 52nd Congress of the German Psychological Society, Hildesheim, Germany.
4. Von Holzen, K., & ManyBabies-AtHome-Consortium. (2022). ManyBabies-AtHome. Presented at the 2022 Big Team Science Conference, Virtual Conference.
5. Schlage, F., & Von Holzen, K. (2021). From boomer to digital native: The influence of anglicisms in german social media language on language processing. Presented at the 2021 Conference Architectures and Mechanisms for Language Processing (AMLaP), Paris, France.
6. Boveleth, J., & Von Holzen, K. (2021). The difference in the vocabulary size of children with und without down syndrome: A meta analysis. Presented at the Muenster Conference Linguistic Representtions and Language Processing, Muenster, Germany.
7. Von Holzen, K., Harnischmacher, V., & Schuster, N. (2021). Phonetic cues in L2 speech segmentation. Presented at the 2021 Conference Architectures and Mechanisms for Language Processing (AMLaP), Paris, France.
8. Von Holzen, K., & Bergmann, C. (2019). Can a tog be a dog? A meta-analysis of experimental factors influencing infants' mispronunciation sensitivity. In Gonzalez-Gomez, N. (Chair), Big ideas to tackle small samples. Presented at the Biennial Meeting of the Society for Research in Child Development, Baltimore, USA.
9. Von Holzen, K., & Bergmann, C. (2018). A meta-analysis of infants' mispronunciation sensitivity development. Presented at the 40th Annual Meeting of the Cognitive Science Society, Madison, WI, USA.

10. Von Holzen, K., & Newman, R. (2018). On the road to bilingualism: The role of native language knowledge in foreign speech processing. In Koostra, G. J. and Bosma, E. (Chairs), Cross-language activation in bilingual children. Presented at the Conference on Multilingualism, Ghent, Belgium.
11. Von Holzen, K., Nishibayashi, L.-L., & Nazzi, T. (2017). An ERP study of consonant and vowel processing of newly segmented word forms. Presented at the Workshop on Infant Language Development, Bilbao, Spain.
12. Von Holzen, K., & Nazzi, T. (2015). The role of consonants and vowels in 5- and 8-month-old own name recognition: Implications for lexical development. Presented at the second Workshop on Infant Language Development, 2015, Stockholm, Sweden.
13. Von Holzen, K., Wolff, D., & Mani, N. (2014). Segmentation of infant- and adult-directed speech in 12-month-olds: An ERP study. In K. Von Holzen (Chair), Segmenting words from continuous speech: Examining varied input sources for infants. Symposium conducted at the XIXth Biennial International Conference on Infant Studies, Berlin, Germany.
14. Von Holzen, K., Wolff, D., & Mani, N. (2013). Segmentierungsfähigkeit von infant- und adult-directed speech bei 12 monate alten kindern (segmentation of infant- and adult-directed speech in 12-month-old infants). Presented at the 22nd Deutsches EEG/EP Mapping Meeting, Giessen, Germany.
15. Von Holzen, K., & Mani, N. (2012). Learning phonemes from faces: The role of speaker identity in non-native phoneme discrimination. In K. Von Holzen (Chair), Infant phonetic learning in context: The influence of faces, objects, and words. Symposium conducted at the XVIIIth Biennial International Conference on Infant Studies, Minneapolis, MN.
16. Von Holzen, K., & Mani, N. (2012). The cognate facilitation effect in bilingual toddlers. Presented at the International Workshop Bilingual and Multilingual Interaction, Bangor, Wales.
17. Von Holzen, K., & Mani, N. (2012). Language non-selective lexical access in bilingual toddlers. Presented at the International Workshop Bilingual and Multilingual Interaction, Bangor, Wales.
18. Von Holzen, K., & Mani, N. (2011). Bilingual phonological priming: An ERP study investigating interconnectivity of activation in the bilinguals two lexicons at different points in development. In J. Mayor (Chair), The emergence of lexical networks in the second year of life. Symposium conducted at the 17th Meeting of the European Society for Cognitive Psychology, San Sebastian, Spain.

Conference Posters

1. Von Holzen, K., Schnieders, M., Wulfert, S., & Hopp, H. (2024). The role of lexical overlap and cognate facilitation in initial child foreign language speech segmentation. Poster presented at ISBPAC 2024, Swansea, Wales. <https://doi.org/10.6084/m9.figshare.25837003>
2. Von Holzen, K., Wulfert, S., Schnieders, M., & Hopp, H. (2024). Foreign-language speech segmentation in ab initio child learners. Poster presented at IASCL 2024, Prague, Czech Republic. <https://doi.org/10.6084/m9.figshare.26236298>
3. Von Holzen, K., Schnieders, M., & Hopp, H. (2023). Use of L1 lexical overlap in initial foreign-language speech segmentation. Presented at the 2023 Conference Architectures and Mechanisms for Language Processing (AMLaP), San Sebastian, Spain. <https://doi.org/10.6084/m9.figshare.24041904>
4. Von Holzen, K., Schnieders, M., Wulfert, S., & Hopp, H. (2023). Foreign-language speech segmentation in ab initio child learners: The roles of sublexical and lexical L2 overlap and phonological awareness. Poster presented at the 48th Annual Boston University Conference on Language Development, Boston, MA. <https://doi.org/10.6084/m9.figshare.24449245>
5. Von Holzen, K., Schnieders, M., Wulfert, S., & Hopp, H. (2023). Lexical overlap in foreign language speech segmentation in primary-level students. Presented at EuroSLA 32, Birmingham, UK. <https://doi.org/10.6084/m9.figshare.24041883>
6. Von Holzen, K., Wulfert, S., & Hopp, H. (2023). Use of L1 phonotactics in initial foreign-language speech segmentation. Presented at the 2023 Conference Architectures and Mechanisms for Language Processing (AMLaP), San Sebastian, Spain. <https://doi.org/10.6084/m9.figshare.24041928>
7. Flohr, M.-C., Von Holzen, K., & Schimke, S. (2023). Exploring the boundaries of statistical learning: Word segmentation in a natural language. Presented at Psycholinguistics in Flanders (PiF) 2023, Ghent, Belgium.
8. Flohr, M.-C., Von Holzen, K., & Schimke, S. (2023). Exploring the boundaries of statistical learning: Word segmentation in a natural language. Presented at the 2023 Conference Architectures and Mechanisms for Language Processing (AMLaP), San Sebastian, Spain.
9. Von Holzen, K. (2022). The role of speech modifications in ab initio learners' initial speech segmentation. 4th International Symposium on Bilingual and L2 Processing in Adults and Children, Tromsø, Norway.

10. Von Holzen, K., Bergmann, C., & ManyBabies-AtHome-Consortium. (2022). ManyBabies-AtHome looking while listening: Constructing an online, cross-linguistic investigation of word recognition. Presented at the 2022 Workshop on Infant Language Development, San Sebastian, Spain. <https://doi.org/10.6084/m9.figshare.20012729.v2>
11. Von Holzen, K., & Newman, R. (2021). The recognition of foreign words at first exposure in early language development: The role of phonological similarity. Presented at the Biennial Meeting of the Society for Research in Child Development, Virtual Conference. <https://doi.org/10.6084/m9.figshare.14381984.v1>
12. Von Holzen, K., & Bergmann, C. (2018). A meta-analysis of mispronunciation sensitivity in infancy. Presented at the XXIth Biennial International Conference on Infant Studies, Philadelphia, PA.
13. Von Holzen, K., Van Ommen, S., White, K., & Nazzi, T. (2018). French-learning infants' adaptation to a novel accent: The role of consonant/vowel asymmetry. Presented at the XXIth Biennial International Conference on Infant Studies, Philadelphia, PA.
14. Von Holzen, K., & Bergmann, C. (2017). Babies know words, even when they are mispronounced: A meta-analytic view. Presented at the Workshop on Infant Language Development, Bilbao, Spain. <https://doi.org/10.6084/m9.figshare.5492464.v1>
15. Von Holzen, K., Rider, D., & Nazzi, T. (2017). Consonant and vowel processing in 5-, 8-, and 11-month-olds own name recognition: The role of acoustic/phonetic and lexical factors. Presented at the Congress of the International Association for the Study of Child Language, Lyon, France.
16. Von Holzen, K., Nishibayashi, L.-L., & Nazzi, T. (2017). Neural bases of phonological processing of newly segmented word forms. Presented at the 2017 Boston University Conference on Language Development, Boston, MA.
17. Von Holzen, K., Fennell, C. T., & Mani, N. (2014). The cognate facilitation effect in bilingual and monolingual toddlers. Presented at the XIXth Biennial International Conference on Infant Studies, Berlin, Germany.
18. Von Holzen, K., Wolff, D., & Mani, N. (2013). Segmentation of IDS and ADS in 12-month-olds: An ERP study. Presented at the Workshop on Infant Language Development, San Sebastian, Spain.
19. Von Holzen, K., Kremer, F., & Mani, N. (2013). Associating a language with a speaker: Bilingual production is influenced by speaker language. Presented at the International Workshop on Bilingualism and Cognitive Control, Krakow, Poland.
20. Von Holzen, K., & Mani, N. (2013). Native and non-native phoneme perception in bilingual toddlers: A longitudinal study. Presented at the Workshop on Infant Language Development, San Sebastian, Spain.
21. Von Holzen, K., & Mani, N. (2011). Learning phonemes from faces: The role of speaker identity in non-native phoneme discrimination. Presented at the 2011 Boston University Conference on Language Development, Boston, MA.
22. Von Holzen, K., & Mani, N. (2011). Word-word relationships between languages and across development. Presented at the 2011 CNS Annual Meeting, San Francisco, CA.
23. Von Holzen, K., & Mani, N. (2010). Phonological priming across language borders: No passport required? Presented at the Donostia Workshop on Neurobilingualism, Donostia-San Sebastian, Spain.