Katie Von Holzen

Lecturer and Researcher

Curriculum Vitae
March 2023

⚲ Bienroder Weg 80, 38106 Braunschweig, Germany
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⬤ Kvonholzen

Employment

2022 - -	Wissenschaftliche Mitarbeiterin (Lecturer/Researcher) Technische Universitaet Braunschweig, Germany	Group Head: Prof. Dr. Holger Hopp
2023 - -	Media Coordinator IASCL (International Association for the Study of Child Language)	IASCL President Dr. Annick De Houwer
2019 - 2022	Akademische Raetin (Lecturer/Researcher) Technische Universitaet Dortmund, Germany	Group Head: Prof. Dr. Sarah Schimke
2017 - 2019	Postdoctoral Researcher University of Maryland, USA	Mentor: Dr. Rochelle Newman
2014 - 2017	Postdoctoral Researcher Universite Paris Descartes, France	Supervisor: Dr. Thierry Nazzi
2010 - 2013	Wissenschaftliche Mitarbeiterin (Doctoral Researcher) Georg-August-Universitaet Goettingen, Germany	Supervisor: Prof. Dr. Nivedita Mani

Open Science Experience

Open Data

1. Von Holzen, K., van Ommen, S., White, K., & Nazzi, T. (2022). The impact of phonological biases on mispronunciation sensitivity and novel accent adaptation. Open Science Foundation. https://doi.org/10.17605/OSF.IO/D6GWP
2. Von Holzen, K., & Bergmann, C. (2021). Infant Mispronunciation Sensitivity Meta-Analysis (InMisSens). Open Science Foundation. osf.io/rvbjs

Preregistrations

➤ Ini-Seg: Phonotactics
  – https://osf.io/58bhv/?view_only=d48e6184241f4c77b5cb1ce20c98e2d7
➤ Ini-Seg: Lexical Transparency
  – https://osf.io/dsg57/?view_only=b0ee304b3b0941ffa6e64ce0abc3b193
➤ The role of speech register in foreign word learning
  – https://osf.io/5g2bz/?view_only=5ed0e404a83746cd906a4720232e3d3e

Talks

➤ How to integrate open science into language acquisition research
  – Presented at colloquiums at the TU Braunschweig, TU Dortmund, and University of Maryland

Within ManyBabies

➤ Open Handbook for ManyBabies - AtHome: Hand Annotation
  – https://osf.io/axtqr/?view_only=8aaeac0683f34bcdb6acfd2aa2309bc0
➤ Draft of stimuli selection procedure for the ManyBabies - AtHome LWL Team
  – https://kvonholzen.github.io/MBAH_LWL.html

Grants

2022-2025	Initial foreign speech segmentation in school-aged children HO 6614/3 - DFG Research Grant, Germany ➤ Primary Investigator	216,325 euros
2017-2019	The role of infant- and adult-directed registers in initial foreign speech segmentation Comparative and Evolutionary Biology of Hearing, NIH Postdoc Training Grant, 5T32DC00046-23, USA ➤ Postdoctoral Trainee as Primary Investigator	

| 2009 | The relationship between attractiveness rating and brain activity in males and females | $5,000 |

Psi Chi Association of Psychological Science Summer Research Grant, USA
➤ Primary Investigator mentored by Prof. Todd Heatherton

Awards

| 2019 | Society for Improvement of Psychological Science Mission Award |
For improving psychological science in the face of challenge, as contributor to the ManyBabies1 Collaboration

| 2018 | Berkeley Initiative for Transparency in the Social Sciences (BITSS) Meta-Analysis Challenge $1,000 |
Shared with co-author Christina Bergmann

| 2014 | GDR Neurosciences Cognitives du Developpement bourses de mobilite a des doctorants |
Travel award for the Potsdam Summer School, Infant Studies on Language Development in Europe (ISOLDE)

| 2013 | Universitaetsbund Goettingen Travel Grant |
For the International Workshop on Bilingualism and Cognitive Control in Krakow, Poland

| 2011 | Paula Menyuk Travel Award $300 |
For BUCLD 2011

| 2010 | Phi Eta Sigma National Honor Society Graduate Scholarship $7,000 |
Phi Eta Sigma is a National Honors Society

| 2009 | Margaret Bernauer Psychology Research Award (2nd Place) $200 |
Awarded for Poster Presentation at the Wisconsin Psychological Association Conference

Education

| 2019 - in progress | Habilitation, English Linguistics |
Technische Universitaet Braunschweig, Germany

| 2010 - 2013 | Dr. rer. nat. Psychology, magna cum laude |
Georg-August-Universitaet Goettingen, Germany

| 2006 - 2009 | B.S. Psychology, summa cum laude |
University of Wisconsin - Green Bay, USA

Selected Publications

For a complete list, visit my ORCID profile
1. Von Holzen, K., van Ommen, S., White, K., & Nazzi, T. (2022). The impact of phonological biases on mispronunciation sensitivity and novel accent adaptation. Language Learning and Development. 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. 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

Manuscripts under revision or review
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. https://doi.org/10.31234/osf.io/ck3vd

Teaching and Mentorship

Tutorials

I've written a suite of Tutorials available on my website (https://kvonholzen.github.io/Tutorials.html) for creating experiments in Open Sesame, analyzing data in R, working in Praat, and preprocessing EEG/ERP data in EEGlab/ERPlab. I've also created a tutorial for analyzing eyetracking data with R (https://bookdown.org/katie_m_vonholzen/Eyetracking_Statistical_Analysis_Tutorial/)

2021	Eyetracking Statistical Analysis Tutorial	
	➤ Workshop series with TU Dortmund and TU Braunschweig (https://bookdown.org/katie_m_vonholzen/Eyetracking_Statistical_Analysis_Tutorial/)	
2017	Setting up and analyzing an eye-tracking experiment: From Open Sesame to Eyelink to R	
	➤ Doctoral students, postdoctoral researchers, and faculty, Universite Paris Descartes	
2017	Time Course Analysis in R	
	➤ Doctoral students, Research Training Group 2070, Georg-August-Universitaet Goettingen	
2016	EEG Pre-processing and Analysis Using EEGLAB and ERPLAB	
	➤ Doctoral students, postdoctoral researchers, and faculty, Universite Paris Descartes	

Courses Taught
Seminars

2022-	Listening in the L1 and L2 Bachelors in English Studies, TU Braunschweig
	➤ Average Evaluation: 1,3 (German grading system)
2022-	Introduction to Linguistics Bachelors in English Studies, TU Braunschweig
	➤ Average Evaluation: 1,3 (German grading system)
2021-2022	Wortsegmentierung: Erkenntnisse aus der Psycho- und Neurolinguistik (Word segmentation: Findings from Psycho- and Neurolinguistics) Masters in Germanistik, TU Dortmund
	➤ Average Evaluation: 2,0 (German grading system)
2019-2022	Einfuehrung in die Sprachwissenschaft (Introduction to Linguistics) Bachelors in Germanistik, TU Dortmund
	➤ Average Evaluation: 1,65 (German grading system)
2019-2021	Zwei Sprachen, ein Gehirn: Bilingualismus und dessen Konsequenzen (Two Languages, One Mind: Bilingualism and its Consequences) Masters in Germanistik, TU Dortmund
	➤ Average Evaluation: 2,00 (German grading system)
2012	Language Acquisition and Processing Bachelors in Germanistik, Georg-August-Universitaet Goettingen
	➤ No evaluation available

Lecture-based Courses

2018	Should I Buy That? Comparing Media Claims with Scientific Evidence from Brain & Behavior Research Bachelor students, University of Maryland
	➤ Evaluation: 'I learned a lot from this course'- 3.03 (Disagree - 0 to Strongly Agree (4)
2011	Experimental Methods for Testing Language Comprehension Bachelors in Germanistik, Georg-August-Universitaet Goettingen
	➤ No evaluation available

Current Students
Postdoctoral researchers

2022-in progress	Sophia Wulfert	TU Braunschweig
	TBD	

Doctoral students

2022-in progress	Marie Schnieders	TU Braunschweig
	Initial Steps into Foreign Language Learning: Lexical and Morphosyntactic Abilities of Primary School Students	
2020-in progress	Marie-Christin Flohr	Ludwig Maximilian University of Munich
	Child Foreign Speech Processing	

Invited Talks and Conference Activity

Selected Invited Talks

1. 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.
2. 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.
3. 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, Paris, France.
4. 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.

Selected Conference Talks

1. 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.
2. Von Holzen, K., & ManyBabies-AtHome-Consortium. (2022). ManyBabies-AtHome. Presented at the 2022 Big Team Science Conference, Virtual Conference.
3. 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.
4. 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.
5. 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.

Selected Conference Posters

1. 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.
2. 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.
3. 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

Skills

Experiment Programming Experience

Open Sesame/Python	Intermediate expertise Designing experiments, including lexical decision (adults), visual world paradigm (with and without an eye-tracker) and preferential listening (infants); Experience advising colleagues on experimental design; Conducting tutorials with colleagues and students; Launching experiments online; Used to promote Open Science practices
Presentation	Intermediate expertise (lapsed) Designing experiments, including EEG experiments
Eprime	Beginner expertise Designing experiments, including EEG experiments

Statistical/Data Analysis Experience

R	Proficient expertise Advising colleagues on statistical analysis, data wrangling; Conducting tutorials; Growth growth curve modeling (lmer package); Mixed effects models (lmer package); ANOVA analyses (ez package); Producing beautiful graphics (ggplot2 package); Analyzing vocabulary data corpora (wordbankr package); Power analysis (pwr package); Creating RMarkdown files to promote collaboration and accuracy; Used to promote Open Science practices
Praat	Intermediate expertise Scripting to automatically analyze sounds (pitch, duration, intensity); Stimuli creation; Interfacing with CLAN output to analyze corpora; Interfacing with a forced aligner (Easy Align); Used to promote Open Science practices
CHAT/CLAN	Intermediate expertise Analyzing length of utterance; Time-locking transcripts to audio recordings; Interfacing with Praat
EEG/ERPlab	Intermediate expertise Preprocessing EEG data; Conducting tutorials; Related MATLAB scripting to automatically analyze EEG/ERP data
SPSS	Intermediate expertise (lapsed) ANOVA analyses

Service

Institutional Service

2022-present	Leadership Board ManyBabies-AtHome
2021-present	Project manager of the Looking-While-Listening sub-project of ManyBabies-AtHome
2021-2022	Consulting Editor at the Journal Child Development
2020-2022	Executive Board Member of the Department for Language, Literature, and Culture TU Dortmund
2019	Member of the Cultural and Linguistic Diversity Committee University of Maryland
2018	Panel judge for Graduate Research Appreciation Day University of Maryland
2014-2017	Co-founder and organizer, Parisian BabyLab Meetings (PaBaLa) Universite Paris Descartes
2014-2016	Co-Chair, Student and Post-doc Talks (SPOT) Universite Paris Descartes

Professional Service

For a complete record of my peer-review service, view my Publons Peer Review Profile (https://www.webofscience.com/wos/author/record/1483321)

Professional Memberships

2022 - present   Member of the German Psychological Society

2019 - present   Member of the Deutscher Hochschulverband

2017 - present   Member of the National Postdoctoral Association (USA)

2012 - present   Member of Women in Cognitive Science (WICS)

Languages
- ➤ English, native
- ➤ German, fluent (C1)
- ➤ French, beginner (A2)

Community Involvement/Outreach

2018-2019	Rosa Parks Elementary School, Hyattsville Education Advisory Committee's Summer Reading Program
	Volunteer
2014	Winneconne Elementary School: Being a scientist and living in a foreign country
	Presenter
2012	Preschool Immersion Event: Bilingual Language Development at ASC Kinderbewegungshaus
	Presenter