

CV: Barbara Höhle, University of Potsdam

CURRICULUM VITAE

Personal

Name: Barbara Höhle
Address: University of Potsdam
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Educational background

2004 Habilitation, Freie Universität Berlin
1992 Dissertation, Dr. phil. Freie Universität Berlin (magna cum laude)
1986 Magister Artium, Linguistics, Psychology, Social Science,
Technical University Berlin

Occupational Background

2004 – to date Full Professor for Psycholinguistics/Language Acquisition,
University of Potsdam, Linguistics Department, Center of
Excellence Cognitive Science
2004 Full Professor for Clinical Linguistics, University of Marburg
1995-2001 Assistant Professor Language Acquisition, University of Potsdam
1995 Post Doc Berlin-Brandenburg Academy of Science
1994 – 1995 Post-Doc, Department for Psychology, Freie Universität Berlin
1989 – 1996 Lecturer, School for Speech and Language Disorders, Freie
Universität Berlin
1987 – 1993 Lecturer and Research Assistant, Department for German
Language, Freie Universität Berlin
1985-1987 Research Assistant. Max-Planck-Institute for Psycholinguistics,
Nijmegen

Fellowships and Personal Grants

2001-2003 Habilitation Grant, German Science Foundation (DFG)
2001 Visiting Scholar Johns Hopkins University, Baltimore, US
2009 Elizabeth and Robert Knight Distinguished Visiting Lecturer.
University of Manitoba, Canada

Project management / grants

- 2011-2017 Coordinator of the Erasmus Mundus Joint Doctorate programme IDEALAB (International Doctorate for Experimental Approaches to Language and Brain with Macquarie University, University of Groningen, University of Newcastle, Università degli Studi di Trento)
- 2011-2014 Principle Investigator (with Flavia Adani), *Means of focus marking in normal and disordered language acquisition*, Collaborative Research Group Information Structure, DFG SFB 632, C3
- 2010-2013 Principle investigator (with Thierry Nazzi, Univ Paris Descartes), *Crosslinguistic investigations on the development of rhythmic preferences in German and French infants*, Jointly funded by DFG and ANR, DFG HO 1960/14-1,
- 2010-2013 Principle investigator (with Hubert Truckenbrodt, Isabelle Wartenburger), Development of prosodic competence in early first language acquisition: Behavioral and neurophysiological investigations, DFG, SPP 1234, HO 1960/13-1
- 2007-2011 Principle Investigator, *Means of focus marking in normal and disordered language acquisition*, Collaborative Research Group Information Structure, DFG SFB 632, C3
- 2006-2009 Principle Investigator *Project Characterizing human language by structural complexity*, ERC, NEST 028395 CHLaSC
- 2003-2007 Principle Investigator (with Jürgen Weissenborn), *Means of focus marking in normal and disordered language acquisition* (with Jürgen Weissenborn), Collaborative Research Group Information Structure, DFG SFB 632, C3
- 2005-2008 Principle investigator (with Elisabeth Walch, Hospital for Pediatrics, Charite Berlin) *Speech perception in preterm infants*, DFG, HO 1960/10-2 and 10-4
- 2005-2007 Principle investigator, *The development of word segmentation skills in Turkish and German learning infants*, DFG, HO 1960/8-1
- 2003-2004 Principle investigator (with Jürgen Weissenborn), *The development of language processing in normal developing and language impaired children*, DFG, HO 1960/7-1
- 2000-2003 Principle investigator (with Jürgen Weissenborn) *The development of language processing in normal developing and language impaired children*, DFG, FOR 381/1-1 and 1-2

2001-2003	Principle investigator, <i>Form and function of grammatical morphemes in early language acquisition</i> , DFG, HO1960/6-2
2000-2003	Principle investigator (with Jürgen Weissenborn) Grammatical morphology in language acquisition, DFG, HO1960/5-1 and 5-2

Other scientific services

Member of editorial board: *Infancy*

Reviewer Journals:

Applied Psycholinguistics, Biolinguistics, Child Development, Cognition, Cortex, Developmental Psychology, Developmental Science, *Infancy*, Infant Behavior and Development, Journal of Child Language, Journal of Memory and Language, Journal of Neurolinguistics, Language Acquisition, Language Learning and Development, Language and Speech, *Lingua*, Linguistic Inquiry, Linguistics, Swiss Journal of Psychology

Reviewer Grants:

German Research Foundation (DFG), DAAD, Netherlands Organisation for Scientific Research (NWO), Schweizerischer Nationalfond zur Förderung der wissenschaftlichen Forschung (SNF), Social Sciences and Humanities Research Council of Canada

Organisation of Conferences and Workshops

X. International Congress for the Study of Child Language (IASCL) Berlin, July 2005.

Generative Approaches to Language Acquisition (GALA). University of Potsdam, September 1999.

How to get into language: Approaches to bootstrapping in early language development. Workshop Berlin-Brandenburgische Academy of Science. Berlin, 1996.

University Services

- Vice-Dean of the Faculty of Human Sciences (since Jan 2011)
- Member of the Committee of Developmental Planning and Finances, University of Potsdam (since Oct 2010)
- Head of the Committee of Structure and Development, Faculty of Human Sciences
- Co-Director of the Center of Applied Patholinguistics, University of Potsdam (since 2004)
- Managing Director of the Linguistics Department, University of Potsdam (2006-2010)
- Head of the Board of Examinations, Linguistics Department, University of Potsdam (2005-2008)
- Member of the Committee for the Bachelor and Master programmes in Linguistics, University of Potsdam

Publications

Peer reviewed journals

- Berger, F. & **Höhle, B.** (2011) Restrictions on addition: Children's interpretation of the focus particles *auch* ('also') and *nur* ('only') in German. *Journal of Child Language*,
- Brandt-Kobele, O.-C. & **Höhle, B.** (2010) What asymmetries within comprehension reveal about asymmetries between comprehension and production: The case of verb inflection in language acquisition. *Lingua*, 120, 1910-1925.
- Müller, A., **Höhle, B.**, Schmitz, M. & Weissenborn, J. (2009) Information structural constraints on children's early language production: The acquisition of the focus particle *auch* (also) in German learning 12-to-36-month olds. *First Language*, 29, 373-399.
- Höhle, B., Bijeljac-Babic, R., Herold, B., Weissenborn, J. & Nazzi, T. (2009) Language specific prosodic preferences during the first year of life: Evidence from German and French infants. *Infant Behavior and Development*, 32, 262-274.
- Höhle, B., Berger, F., Müller, A., Schmitz, M. & Weissenborn, J. (2009). Focus particles in children's language: Production and comprehension of *auch* ,also' in German learners from 1 year to 4 years of age. *Language Acquisition*, 16, 36-66.
- Höhle, B. (2009) Bootstrapping mechanisms in first language acquisition. *Linguistics*, 47, 359-382.
- Höhle, B., Wang, H. & Mintz, T. (2008) Syntactic categorization of new words: Distributional and morphological cues to form class. *International Journal of Psychology* 43, 177.
- Herold, B., **Höhle, B.**, Walch, E., Weber, T. & Obladen, M. (2008) Impaired word stress pattern discrimination in very low-birth weight infants during the first 6 months of life. *Developmental Medicine and Child Neurology*, 50, 678-683.
- Höhle, B., van de Vijver, R. & Weissenborn, J. (2006) Word processing at 19 months and its relation to language performance at 30 months: A retrospective analysis of data from German learning children. *Advances in Speech and Language Pathology* 8, 356-363.
- Ott, S., van de Vijver, R. & **Höhle, B.** (2006) Phonotactic knowledge in German children with specific language impairment: Evidence from the production of complex onsets. *Advances in Speech and Language Pathology* 8, 323-334.
- Höhle, B., Schmitz, M., Santelmann, L. M. & Weissenborn, J. (2006) The recognition of discontinuous verbal dependencies by German 19-month-olds: Evidence for lexical and structural influences on children's early processing capacities. *Language Learning and Development* 2, 277-300.
- Höhle, B. (2005) Der Einstieg in die Grammatik: Spracherwerb während des ersten Lebensjahres. *Forum Logopädie* 6, 16-21.
- Höhle, B., Weissenborn, J., Kiefer, D., Schulz, A. & Schmitz M. (2004) Functional elements in infants' speech processing: The role of determiners in the syntactic categorization of lexical elements. *Infancy* 5 (3), 341-353.
- Höhle, B. (2004) Sprachwahrnehmung und Spracherwerb im ersten Lebensjahr. *Stimme - Sprache - Gehör* 27, 1-6.
- Höhle, B. & Weissenborn, J. (2003) German-learning infants' ability to detect unstressed closed-class elements in continuous speech. *Developmental Science* 6, 122-127.

- Höhle, B., Kelter, S., Höhle, B. & Merdian, G. (1989) Bahnung und Interferenz bei der Bildbenennung von Aphasikern. *Neurolinguistik* 3, 35-55.
- Kelter, S., Grötzbach, H., Freiheit, R., **Höhle, B.**, Wutzig, S. & Diesch, E. (1984) Object identification: The mental representation of physical and conceptual attributes. *Memory and Cognition* 12, 123-133.

Book Chapters

- Brandt-Kobebe, O.-C. & **Höhle, B.** (2011) Asymmetries in children's performance within and across modalities. In A. Grimm, A. Müller, C. Hamann & E. Ruigendijk (eds.) *Production-Comprehension Asymmetries in Child Language*. Berlin: de Gruyter.
- Müller, A., Schulz, P. & **Höhle, B.** (2011) Pragmatic children: How German children interpret sentences with and without the focus particle *only*. In J. Meibauer & M. Steinbach (eds.) *Experimental Pragmatics / Semantics*. Amsterdam: Benjamins.
- Höhle, B. (2010) Psycholinguistik: Ein Überblick. In B. Höhle (Hg.) (2010) *Psycholinguistik*. Berlin: Akademie Verlag.
- Höhle, B. (2010) Sprachwahrnehmung. In B. Höhle (Hg.) (2010) *Psycholinguistik*. Berlin: Akademie Verlag.
- Höhle, B. (2010) Erstspracherwerb: Wie kommt das Kind zur Sprache? In B. Höhle (Hg.) (2010) *Psycholinguistik*. Berlin: Akademie Verlag.
- Höhle, B. (2010) Spracherwerbstheorie: Wie kommt die Sprache zu kommt? In B. Höhle (Hg.) (2010) *Psycholinguistik*. Berlin: Akademie Verlag.
- Höhle, B. (2009) Crosslinguistic perspectives on segmentation and categorization in early language acquisition. In E. Bavin (ed.) *Handbook of Child Language*. Cambridge: University Press.
- Van de Vijver, R., **Höhle, B.** & Ott, S. (2009) On the distribution of dorsals in complex and simple onset in child German, Dutch and English. In F. Kügler, C. Féry & Van de Vijver, R. (eds.) *Variation and Gradience in Phonetics and Phonology*. Berlin: Mouton de Gruyter.
- Müller, A., **Höhle, B.** & Weissenborn, J. (2008) Teaching a new word: Properties of CDS to 12-month-old German-learning children. In S. Kern, F. Gayraud and E. Marsica (eds.) *Emergence of Linguistic Abilities*. Newcastle: Cambridge Scholars Publishing.
- Van Kampen, A., Parmaksiz, G., van de Vijver, R. & **Höhle, B.** (2008) Metrical and statistical cues for word segmentation: The use of vowel harmony and word stress as a cue to word boundaries by 6- and 9-month-old Turkish learners. In A. Gavarró & M. J. Freitas (eds.) *Language Acquisition and Development*. Newcastle: Cambridge Scholars Publishing.
- Schmitz, M. & **Höhle, B.** (2007) Habituation und Dishabituation als Maße der perceptuellen und kognitiven Entwicklung – Methoden und Anwendungsbereiche. In L. Kaufmann, H.-C. Nuerk, K. Konrad & K. Willmes (Hrsg.) *Kognitive Entwicklungsneuropsychologie*. Göttingen: Hofgrefe.
- Nubel, K., Kruck, S., **Höhle, B.**, Suhl, U., Weissenborn, J., Gross, M. (2003) Interaktion behavioraler und elektrophysiologischer Ergebnisse zur Phonemdiskrimination bei Säuglingen. In M. Gross & E. Kruse (Hrsg.) *Aktuelle phoniatriisch-pädaudiologische Aspekte 2003/2004, Band 11*. Heidelberg 2003: Median Verlag.
- Höhle, B., Weissenborn, J., Schmitz, M. & Ischebeck, A. (2001) Discovering Word Order Regularities: The Role of Prosodic Information for Early Parameter Setting. In J. Weissenborn & B. Höhle (eds.) *Approaches to Bootstrapping: Phonological, Lexical,*

Syntactic and Neurophysiological Aspects of Early Language Acquisition. Amsterdam: Benjamins.

Höhle, B. & Weissenborn, J. (2000) Lauter Laute? Lautsegmente und Silben in der Sprachperzeption und im Spracherwerb. In R. Thieroff, M. Tamrat, N. Furhop & O. Teuber, O. (Hrsg.) *Deutsche Grammatik in Theorie und Praxis*. Tübingen: Niemeyer.

Höhle, B. & Weissenborn, J. (1999) Discovering Grammar. In A. Friederici & R. Menzel (eds.) *Learning: Rule Extraction and Representation*. Berlin: de Gruyter.

Höhle, B. & Schriefers, H. (1995) Ambisyllabizität im Deutschen: Psycholinguistische Evidenz. In P. Baerentzen (ed.) *Aspekte der Sprachbeschreibung*. Tübingen: Niemeyer.

Monographs and Edited Volumes

Höhle, B. (Hg.) (2010) *Psycholinguistik*. Berlin: Akademie Verlag.

Weissenborn, J. & **B. Höhle**, (eds.) (2001) *Approaches to Bootstrapping: Phonological, Lexical, Syntactic and Neurophysiological Aspects of Early Language Acquisition*. Vol 1 and Vol. 2. Amsterdam: Benjamins.

Höhle, B. (1995) *Aphasie und Sprachproduktion. Sprachstörungen bei Broca- und Wernicke-Aphasikern*. Opladen: Westdeutscher Verlag.

Proceedings and Working Papers

Wang, H., **Höhle, B.**, Ketrez, N.H., Küntay, A. C. & Mintz, T. H. (2011) Distributional analyses with frequent frames: The cases of German and Turkish. In N. Danis, K. Mesh & H. Sung (eds.) *BUCLD 35: Proceedings of the 35th annual Boston University Conference on Language Development*. Somerville, MA: Cascadilla Press. pp. 628-640.

Sauermann, A., **Höhle, B.**, Chen, A. & Järvikivi, J. (2011) Intonational Marking of Focus in Different Word Orders in German Children. In *Proceedings of the 28th West Coast Conference on Formal Linguistics*, ed. Mary Byram Washburn et al., Somerville, MA: Cascadilla Proceedings Project.

Oosthuizen, H., **Höhle, B.** & Southwood, F. (2010) Motion events in Afrikaans: their expression by adult speakers and by children with and without language impairment. *Stellenbosch Papers in Linguistics PLUS*, 40, 55-77.

Bartels, S., Darcy, I. & **Höhle, B.** (2009) Schwa syllables facilitate word segmentation for 9-month-old German-learning infants. In J. Chandlee, M. Franchini, S. Lord & G.-M. Rheiner (eds.) *BUCLD 33: Proceedings of the 33rd Annual Boston University Conference on Language Development*. pp. 73-84. Somerville M.A.: Cascadilla Press.

Berger, F., Müller, A., **Höhle, B.** & Weissenborn, J. (2007) German 4-year-olds' comprehension of sentences containing the focus particle *auch* (also): Evidence from eye-tracking. In H. Caunt-Nulton, S. Kulatilake, I. Woo (eds.) *BUCLD 31: Proceedings of the 31st annual Boston University Conference on Language Development, Vol 1*. pp. 105-116. Somerville M.A.: Cascadilla Press.

Pelzer, L. & **Höhle, B.** (2006) Processing of morphological markers as a cue to syntactic phrases by 10-month-old German-learning infants. In Belletti, A., Bennati, E., Chesi, C., DiDomenico, E., & Ferrari, I. (Eds.) *Language Acquisition and Development: Proceedings of GALA2005*. pp. 411-422. Cambridge: Cambridge Scholars Press.

Schmitz, M., **Höhle, B.**, Müller, A. & Weissenborn, J. (2006). The Recognition of the Prosodic Focus Position in German-Learning Infants from 4 to 14 Months. In S. Ishihara, M. Schmitz & A. Schwarz (Eds.), *Interdisciplinary Studies on Information Structure - Working Papers of the SFB 632, ISIS05*.

Müller, A., **Höhle, B.**, Schmitz, M., Weissenborn, J. (2006). Focus-to-stress alignment in 4- to 5-year-old German-learning children. In Belletti, A., Bennati, E., Chesi, C., DiDomenico, E., & Ferrari, I. (Eds.), *Language Acquisition and Development. Proceedings of GALA 2005*. pp. 379-392. Cambridge: Cambridge Scholars Press.

Höhle, B., van de Vijver, R., Bartels, S. & Weissenborn, J. (2006) Phonological specificity of early lexical representations in German 19-month-olds at risk for SLI. In D. Bamman, T. Magnitskaia, C. Zaller (eds.) *BUCLD 30: Proceedings of the 30th Annual Boston University Conference on Language Development, Vol. 1*. Somerville M.A.: Cascadilla Press.

Pelzer, & **Höhle, B.** (2006) The impact of morphological markers on infants' and adults speech processing. In D. Bamman, T. Magnitskaia, C. Zaller (eds.) *BUCLD 30: Proceedings of the 30th Annual Boston University Conference on Language Development, Vol. 2*. Somerville M.A.: Cascadilla Press.

Blenn, L., Seidl, A. & **Höhle, B.** (2003) Recognition of Phrases in Early Language Acquisition: The Role of Morphological Markers. In B. Beachley, A. Brown & F.Conlin (eds.) *BUCLD 27: Proceedings of the 27th annual Boston University Conference on Language Development*. Sumerville: Cascadilla Press. 138-149.

Höhle, B., Weissenborn, J., Kiefer, D., Schulz, A. & Schmitz, M. (2002) The origins of syntactic categorization for lexical elements: The role of determiners. In J. Costa & M.J. Freitas (eds.) *Proceedings of the GALA 2001 Conference on Language Acquisition*. Lisboa, Associação Portuguesa de Linguística.

Höhle, B. & Weissenborn, J. (2000) The Origins of Syntactic Knowledge: Recognition of determiners in one year old German children In C. Howell, S. A. Fish, & T. Keith-Lucas, *Proceedings of the 24th Annual Boston University Conference on Language Development*. Sumerville: Cascadilla Press.

Weissenborn, J., **Höhle, B.**, Kiefer, D. & Cavar, D. (1998) Children's Sensitivity to Word-Order Violations in German: Evidence for very Early Parameter-Setting, In A. Greenhill, M. Hughes, H. Littlefield & H. Walsh (eds.) *Proceedings of the 22nd Annual Boston Conference on Language Development*, Somerville, Cascadilla Press.

Höhle, B. & Weissenborn, J. (1998) Sensitivity to Closed-Class Elements in Preverbal Children, In A. Greenhill, M. Hughes, H Littlefield, & H. Walsh (eds.) *Proceedings of the 22nd Annual Boston Conference on Language Development*, Somerville, Cascadilla Press.

Supervised PhD-students

As first Supervisor

- Pelzer, Lydia: Die Rolle von Konkordanzmarkierungen für die Segmentierung von Phrasen aus dem Sprachstrom – Untersuchungen bei Säuglingen und Erwachsenen, 2006
- Siegmüller, Julia: Der Gebrauch lexikalischer Erwerbsbeschränkungen bei Kindern mit Williams-Beuren-Syndrom, 2007
- Schmitz, Michaela: The perception of clauses in 6- and 8-month-old German-learning infants: Influence of pause duration and the natural pause hierarchy, 2008
- Herold, Birgit: Prosodische Verarbeitung und lexikalische Entwicklung sehr untergewichtiger Frühgeborener während des ersten Lebensjahres, 2010
- Müller, Anja: Wie interpretieren Kinder nur? Experimentelle Untersuchungen zum Erwerb von Informationsstruktur, 2010
- Poltrock, Silvana: About the relation between implicit theory of mind and the comprehension of complement sentences, 2011
- Ott, Susan: Feld-fällt-fehlt: Untersuchungen zur Phonologie-Morphosyntax-Schnittstelle bei Kindern und Erwachsenen, 2011

As second Supervisor

- Leuckefeld, Kerstin: The development of argument processing mechanisms in German: An electrophysiological investigation with school-aged children and adults, 2005
- Oberrecker, Regine: Grammatikverarbeitung im Kindesalter: EKP-Studien zum auditorischen Satzverstehen, 2006
- Mahlstedt, Amelie: The acquisition of case marking information as a cue to argument interpretation in German: An electrophysiological investigation with pre-school children, 2007
- Lück, Monika: Die Verarbeitung morphologisch komplexer Wörter bei Kindern im Schulalter: Neurophysiologische Korrelate der Entwicklung, 2007

Member of examination committee PhD-projects

- Weber, Christiane: Rhythm is Gonna Get you: Electrophysiological Markers of Rhythmic Processing in Infants with and without Risk for Specific Language Impairment, 2004
- Schröder, Astrid: Semantische Kategorien und Merkmalswissen: eine experimentelle Studie zur semantischen Repräsentation konkreter Objektbegriffe, 2006
- Grimm, Angela: The Development of Early Prosodic Word Structure in Child German: Simplex Words and Compounds, 2008
- Fritz, Thomas: Emotion investigated with music of variable valence-neurophysiology and cultural influence, 2008
- Bossen, Anja: Das „BeLesen-Training“ – ein Förderkonzept zur rhythmisch-musikalischen Unterstützung des Schriftspracherwerbs in multilingualen Lerngruppen, 2009
- Hogrefe, Katharina: Aphasie, Apraxie und Gestik: Zur Produktion von Handgesten bei Patienten mit linkshemisphärischer Hirnschädigung, 2009
- De Ruiter, Laura: Studies on intonation and information structure in child and adult German, Radboud Universiteit Nijmegen, 2010

- Altvater-Mackensen, Nicole: Do manners matter? Asymmetries in the acquisition of manner of articulation features, Radboud Universiteit Nijmegen, 2010
- Junge, Caroline: The relevance of early word recognition: Insights from the infant brain, Radboud Universiteit Nijmegen, 2011 (member of reading committee)

Supervised M.A. Students in international programs

- Bion, Ricardo: Speech perception in German infants. 2006
- Canizzaro, Courtney: Verb-object order in two-word utterances: An analysis of German and English CHILDES data, 2007
- Koshchinyenko, Olha: Prosody acquisition in Ukrainian, 2008
- Schmidt, Daria: Processing of two artificial grammars by aphasic patients, 2008
- Oosthuizen, Helena: Production of prepositions and particle verbs as a dialectal marker in Afrikaans, 2009
- Liang, Sylvia: Use of lexical tone in early lexical acquisition of Mandarin, 2010

International collaborations

- University of Manitoba, CN (Prof. Dr. Melanie Soderstrom)
- University of Barcelona, E (Prof. Dr. Laura Bosch)
- University of California at Los Angeles, U.S.A. (Dr. Thoben Mintz)
- University Paris Descartes (Dr. Thierry Nazzi, Dr. Judit Gervain)
- Radboud Universiteit Nijmegen (Prof. Dr. Paula Fikkert)
- Portland State University, U.S.A. (Prof. Dr. Lynn Santelmann)
- Middle East Technical University Ankara, TU (Prof. Dr. Annette Hohenberger)
- Macquarie University Sydney (Prof. Dr. Katharine Demuth, Prof. Dr. Lyndsey Nickels)
- University of Groningen (Prof. Dr. Roelien Bastianse)

National collaborations

- University of Göttingen (Prof. Dr. Nivedita Mani)
- University of Frankfurt (Prof. Dr. Petra Schulz)
- Center of General Linguistics, Berlin (Dr. Hubert Truckenbrodt)