

Sign Language Acquisition **by Deaf and Hearing Children**

**Deborah Chen Pichler, Marlon Kuntze, Diane Lillo-Martin,
Ronice Müller de Quadros, and Marianne Rossi Stumpf**



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Bibliography

- Akamatsu, Carol T. 1982. "The Acquisition of Fingerspelling in Pre-school Children." PhD diss., University of Rochester, Department of Psychology.
- Anderson, Diane. 2006. "Lexical Development of Deaf Children Acquiring Signed Languages." In *Advances in the Sign Language Development of Deaf Children*, edited by Brenda Schick, Marc Marschark, and Patricia E. Spencer, 135–60. New York: Oxford University Press.
- Anderson, Diane, and Judy Reilly. 1997. "The Puzzle of Negation: How Children Move from Communicative to Grammatical Negation in ASL." *Applied Psycholinguistics* 18 (4): 411–429.
- . 2002. "The MacArthur Communicative Development Inventory: Normative Data for American Sign Language." *Journal of Deaf Studies and Deaf Education* 7 (2): 83–106.
- Bailes, Cynthia N., Lynne C. Erting, Carlene Thumann-Prezioso, and Carol J. Erting. 2009. "Language and Literacy Acquisition through Parental Mediation in American Sign Language." *Sign Language Studies* 9 (4): 417–56.
- Balog, Heather L., and Diane Brentari. 2008. "The Relationship between Early Gestures and Intonation." *First Language* 28 (2): 141–63.
- Baron-Cohen, Simon, Alan M. Leslie, and Uta Frith. 1985. "Does the Autistic Child Have a 'Theory of Mind'?" *Cognition* 21 (1): 37–46.
- Berent, Gerald P., Ronald R. Kelly, and Tanya Schueler-Choukairi. 2009. "Economy in the Acquisition of English Universal Quantifier Sentences: The Interpretations of Deaf and Hearing Students and Second Language Learners at the College Level." *Applied Psycholinguistics* 30 (2): 251–90.
- Bialystok, Ellen. 2008. "Cognitive Effects of Bilingualism across the Lifespan." In *BUCLD 32: Proceedings of the 32nd Annual Boston University Conference on Language Development*, edited by Harvey Chan, Heather Jacob, and Enkeleida Kapia, 1–15. Somerville, MA: Cascadilla Press.
- Bishop, Michele. 2010. "Happen Can't Hear: An Analysis of Code-Blends in Hearing, Native Signers of American Sign Language." *Sign Language Studies* 11 (2): 205–40.
- Bonvillian, John D., and Raymond J. Folven. 1993. "Sign Language Acquisition: Developmental Aspects." In *Psychological Perspectives on Deafness*, Vol. 1, edited by Marc Marschark and M. Diane Clark, 229–65. Hillsdale, NJ: Lawrence Erlbaum Associates.

- Bonvillian, John D., Michael D. Orlansky, and Raymond J. Folven. 1990. "Early Sign Language Acquisition: Implications for Theories of Language Acquisition." In *From Gesture to Language in Hearing and Deaf Children*, edited by Virginia Volterra and Carol J. Erting, 219–32. New York: Springer-Verlag.
- Bonvillian, John D., Michael D. Orlansky, and Lesley L. Novack. 1983. "Developmental Milestones: Sign Language Acquisition and Motor Development." *Child Development* 54 (6): 1435–45.
- Bonvillian, John D., and Theodore Siedlecki Jr. 1996. "Young Children's Acquisition of the Location Aspect of American Sign Language Signs: Parental Report Findings." *Journal of Communication Disorders* 29 (1): 13–35.
- Boyes–Braem, Penny. 1973. "A Study of the Acquisition of the Deiz in American Sign Language." Unpublished ms., Salk Institute, La Jolla, CA.
- Boyes Braem, Penny. 1990. "Acquisition of the Handshape in American Sign Language: A Preliminary Analysis." In *From Gesture to Language in Hearing and Deaf Children*, edited by Virginia Volterra and Carol J. Erting, 107–27. New York: Springer-Verlag.
- Brentari, Diane, Marie A. Nadolske, and George Wolford. 2012. "Can Experience with Co-speech Gesture Influence the Prosody of a Sign Language? Sign Language Prosodic Cues in Bimodal Bilinguals." *Bilingualism: Language and Cognition* 15 (2): 402–12.
- Bushnell, I. W. R. 2001. "Mother's Face Recognition in Newborn Infants: Learning and Memory." *Infant and Child Development*, 10 (1–2): 67–74.
- Capirci, Olga, Jana M. Iverson, Sandro Montanari, and Virginia Volterra. 2002. "Gestural, Signed and Spoken Modalities in Early Language Development: The Role of Linguistic Input." *Bilingualism: Language and Cognition* 5 (1): 25–37.
- Carey, Susan, and Elsa Bartlett. 1978. "Acquiring a Single New Word." In *Papers and Reports on Child Language Development* 15:17–29. Stanford, CA: Department of Linguistics, Stanford University.
- Casey, Shannon, and Karen Emmorey. 2009. "Co-Speech Gesture in Bimodal Bilinguals." *Language and Cognitive Processes* 24 (2): 290–312.
- Chamberlain, Charlene, Jill P. Morford, and Rachel I. Mayberry, eds. 2000. *Language Acquisition by Eye*. Mahwah, NJ: Lawrence Erlbaum Associates.
- Charman, Tony, Simon Baron-Cohen, John Swettenham, Gillian Baird, Antony Cox, and Auriol Drew. 2000. "Testing Joint Attention, Imitation, and Play as Infancy Precursors to Language and Theory of Mind." *Cognitive Development* 15 (4): 481–98.

- Cheek, Adrienne, Kearsey Cormier, Ann Repp, and Richard P. Meier. 2001. "Prelinguistic Gesture Predicts Mastery and Error in the Production of Early Signs." *Language* 77 (2): 292–323.
- Chen Pichler, Deborah. 2001. "Word Order Variation and Acquisition in American Sign Language." PhD diss., University of Connecticut.
- . 2008. "Views on Word Order in Early ASL: Then and Now." In *Signs of the Time: Selected Papers from TISLR 8*, edited by Josep Quer, 293–315. Seedorf, Germany: Signum Verlag.
- . 2009. "Sign Production in First-time Hearing Signers: A Closer Look at Handshape Accuracy." *Cadernos de Saúde, Número especial, Línguas Gestuais* 2:37–50.
- . 2011. "Sources of Handshape Error in First-time Signers of ASL." In *Deaf around the World: The Impact of Language*, edited by Gaurav Mathur and Donna Jo Napoli, 96–121. New York: Oxford University Press.
- . 2012. "Acquisition." In *Sign Language: An International Handbook*, edited by Roland Pfau, Markus Steinbach, and Bencie Woll, 647–86. Boston: de Gruyter Mouton.
- Clibbens, John, and Margaret Harris. 1993. "Phonological Processes and Sign Language Development." In *Critical Influences on Child Language Acquisition and Development*, edited by David J. Messer and Geoffrey J. Turner, 197–208. New York: St. Martin's Press.
- Collier, Virginia P. 1995. "Acquiring a Second Language for School." In *Directions in Language and Education*, Vol. 1 No. 4. Washington, DC: National Clearinghouse for Bilingual Education.
- Conlin, Kim, Gene Mirus, Claude Mauk, and Richard Meier. 2000. "The Acquisition of First Signs: Place, Handshape and Movement." In *Language Acquisition by Eye*, edited by Charlene Chamberlain, Jill P. Morford and Rachel I. Mayberry, 51–69. Mahwah, NJ: Lawrence Erlbaum Associates.
- Coppola, Marie, and Elissa L. Newport. 2005. "Grammatical Subjects in Home Sign: Abstract Linguistic Structure in Adult Primary Gesture Systems without Linguistic Input." *Proceedings of the National Academy of Sciences* 102 (52): 19249–53.
- Corina, David, and Jenny Singleton. 2009. "Developmental Social Cognitive Neuroscience: Insights from Deafness." *Child Development* 80 (4): 952–967.
- Cull, Amber. 2014. "Production of Movement in Users of American Sign Language and Its Influence on Being Identified as 'Non-Native.'" PhD diss., Gallaudet University.

- Cummins, J. 2009. "Bilingual and Immersion Programs." In *The Handbook of Language Teaching*, edited by Michael H. Long and Catherine J. Doughty, 159–81. Oxford, UK: Wiley-Blackwell.
- Curtiss, Susan R. 1977. *Genie: A Psycholinguistic Study of a Modern-Day "Wild Child."* New York: Academic Press.
- Davidson, Kathryn, Diane Lillo-Martin, and Deborah Chen Pichler. 2014. "Spoken English Language Measures of Native Signing Children with Cochlear Implants." *Journal of Deaf Studies and Deaf Education* 19 (2): 238–250.
- Davis, Jeffrey. 1989. "Distinguishing Language Contact Phenomena in ASL Interpretation." In *The Sociolinguistics of the Deaf Community*, edited by Ceil Lucas, 85–102. San Diego: Academic Press.
- . 2003. "Cross-linguistic Strategies Used by Interpreters." *RID Journal of Interpretation*: 95–128.
- de Beuzeville, Louise. 2006. "Visual and Linguistic Representation in the Acquisition of Depicting Verbs: A Study of Native Signing Deaf Children of Auslan (Australian Sign Language)." PhD diss., University of Sydney.
- de Houwer, Annick. 1995. "Bilingual Language Acquisition." In *The Handbook of Child Language*, edited by Paul Fletcher and Brian MacWhinney, 219–50. Cambridge, MA: Blackwell.
- de Villiers, Jill G., and Peter A. de Villiers. 1978. *Language Acquisition*. Harvard University Press.
- Emmorey, Karen. 2002. *Language, Cognition, and the Brain: Insights from Sign Language Research*. Mahwah, NJ: Lawrence Erlbaum Associates.
- Emmorey, Karen, Ursula Bellugi, A. Friederici, and P. Horn. 1995. "Effects of Age of Acquisition on Grammatical Sensitivity: Evidence from On-Line and Off-Line Tasks." *Applied Psycholinguistics* 16:1–23.
- Emmorey, Karen, Helsa B. Borinstein, Robin Thompson, and Tamar H. Gollan. 2008. "Bimodal Bilingualism." *Bilingualism: Language and Cognition* 11 (1): 43–61.
- Emmorey, Karen, and David Corina. 1990. "Lexical Recognition in Sign Language: Effects of Phonetic Structure and Morphology." *Perceptual and Motor Skills* 71 (3 Pt. 2): 1227–52.
- Emmorey, Karen, Gigi Luk, Jennie E. Pyers, and Ellen Bialystok. 2008. "The Source of Enhanced Cognitive Control in Bilinguals: Evidence from Bimodal Bilinguals." *Psychological Science* 19 (12): 1201–6.

- Emmorey, Karen, and Judy Reilly. 1998. "The Development of Quotation and Reported Action: Conveying Perspective in ASL." In *The Proceedings of the Twenty-ninth Annual Child Language Research Forum*, edited by Eve V. Clark, 81–90. Stanford, CA: CSLI Publications.
- Emmorey, Karen, Robin Thompson, and Rachael Colvin. 2009. "Eye Gaze During Comprehension of American Sign Language by Native and Beginning Signers." *Journal of Deaf Studies and Deaf Education* 14 (2): 237–43.
- Erting, Carol J., and Marlon Kuntze. 2008. "Language Socialization in Deaf Communities." In *Encyclopedia of Language and Education*, Vol. 8: Language and Socialization, edited by Patricia A. Duff and Nancy H. Hornberger, 2845–58. New York: Springer.
- Erting, Carol J., Carlene Prezioso, and Maureen Hynes. 1990. "The Interactional Context of Deaf Mother-Infant Communication." In *From Gesture to Language in Hearing and Deaf Children*, edited by Virginia Volterra and Carol J. Erting, 97–106. New York: Springer-Verlag.
- Erting, Carol J., Carlene Thumann-Prezioso, and Beth Sonnenstrahl Benedict. 1999. "Bilingualism in a Deaf Family: Fingerspelling in Early Childhood." In *The Deaf Child in the Family and at School: Essays in Honor of Kathryn P. Meadow-Orlans*, edited by Patricia Spencer, Carol J. Erting and Marc Marschark, 41–54. Hove, UK: Psychology Press.
- Estigarribia, B., and E. V. Clark. 2007. "Getting and Maintaining Attention in Talk to Young Children." *Journal of Child Language* 34(4): 799–814.
- Fenlon, Jordan J. 2010. "Seeing Sentence Boundaries: The Production and Perception of Visual Markers Signaling Boundaries in Signed Languages." PhD diss., University College London.
- Fenson, Larry, Philip S. Dale, J. Steven Reznick, Elizabeth Bates, Donna Thal, and Stephen J. Pethick. 1994. *Variability in Early Communicative Development*. Monographs of the Society for Research in Child Development 59 (5, serial no. 242).
- Flege, James E. 1995. "Second Language Speech Learning: Theory, Findings, and Problems." In *Speech Perception and Linguistic Experience: Issues in Cross-language Research*, edited by Winifred Strange, 233–37. Timonium, MD: York Press.
- Goeke, Amber. "The Effect of Handshape Error on the Perception of Non-Native Accent in L2 ASL." Unpublished manuscript, 2007.
- Goldin-Meadow, Susan. 2003. *The Resilience of Language: What Gesture Creation in Deaf Children Can Tell Us about How All Children Learn Language*. Essays in Developmental Psychology, edited by Claire Hughs and Michelle Ellefson. New York: Psychology Press.

Golinkoff, Roberta M., and Kathy Hirsh-Pasek. 1999. *How Babies Talk*. New York: Plume.

Goren, C. C., M. Sarty, and P. Y. Wu. 1975. "Visual Following and Pattern Discrimination of Face-Like Stimuli by Newborn Infants." *Pediatrics* 56 (4): 544-49.

Grosjean, François. 1982. *Life with Two Languages: An Introduction to Bilingualism*. Cambridge, MA: Harvard University Press.

Harris, Margaret. 2000. "Social Interaction and Early Language Development in Deaf Children." *Deafness and Education International* 21 (1): 1-11.

Harris, Margaret, John Clibbens, Joan Chasin, and Ruth Tibbitts. 1989. "The Social Context of Early Sign Language Development." *First Language* 9 (25): 81-97.

Harris, Margaret, and Heather Mohay. 1997. "Learning to Look in the Right Place: A Comparison of Attentional Behavior in Deaf Children with Deaf and Hearing Mothers." *Journal of Deaf Studies and Deaf Education* 2 (2): 95-103.

Hiatt, Susan W., Joseph J. Campos, and Robert N. Emde. 1979. "Facial Patterning and Infant Emotional Expression: Happiness, Surprise, and Fear." *Child Development* 50 (4): 1020-35.

Hoiting, Nini. 2006. "Deaf Children Are Verb Attenders: Early Sign Vocabulary Development in Dutch Toddlers." In *Advances in the Sign Language Development of Deaf Children*, edited by Brenda Schick, Marc Marschark, and Patricia E. Spencer, 161-88. New York: Oxford University Press.

Holzrichter, Amanda S. 2000. "A Cross-Linguistic Study of Child-Directed Signing: American Sign Language and Sign Language of Spain." PhD diss., University of Texas, Austin.

Holzrichter, Amanda S., and Richard A. Meier. 2000. "Child-Directed Signing in American Sign Language." In *Language Acquisition by Eye*, edited by Charlene Chamberlain, Jill P. Morford, and Rachel I. Mayberry, 25-40. Mahwah, NJ: Lawrence Erlbaum Associates.

Johnson, Jacqueline S., and Elissa L. Newport. 1989. "Critical Period Effects in Second Language Learning: The Influence of Maturational State on the Acquisition of English as a Second Language." *Cognitive Psychology* 21 (1): 60-99.

Johnson, Robert E., Scott K. Liddell, and Carol Erting. 1989. "Unlocking the Curriculum: Principles for Achieving Access in Deaf Education." Gallaudet Research Institute Working Paper 89-3. Washington, DC: Gallaudet University.

Juncos, Onesimo, Andres Caamaño, M. Jose Justo, Elvira López, Rosa M. Rivas, and M. Teresa Sola. 1997. "Primeras palabras en la Lengua de Signos Española LSE: Estructura formal, semántica y contextual." *Revista de Logopedia, Foniatría y Audiología* 17:170-81.

- Kantor, Rebecca. 1980. "The Acquisition of Classifiers in American Sign Language." *Sign Language Studies* 28 (Fall): 1–18.
- Karnopp, Lodenir Becker. 2002. "Phonology Acquisition in Brazilian Sign Language." In *Directions in Sign Language Acquisition*, edited by Gary Morgan and Bencie Woll, 29–53. Philadelphia: John Benjamins Publishing Company.
- . 2008. "Sign Phonology Acquisition in Brazilian Sign Language." In *Sign Languages: Spinning and Unraveling the Past, Present and Future. TISLR9, Forty Five Papers And Three Posters From The 9th, Theoretical Issues In Sign Language Research Conference*, Florianopolis, Brazil, December 2006, edited by Ronice Müller de Quadros, 204–18. Petropolis, Brazil: Editora Arara Azul.
- Kayser, H., and J. G. Centeno. 2007. "English Language Learners: Literacy and Bilingual Considerations." In *Communication Disorders in Spanish Speakers: Theoretical, Research and Clinical Aspects*, edited by J. C. Centeno, R. T. Anderson, and L. K. Obler, 34–45. Clevedon, UK: Multilingual Matters.
- Klima, Edward S., and Ursula Bellugi. 1979. *The Signs of Language*. Cambridge, MA: Harvard University Press.
- Koester, Lynne S. 1995. "Face-to-Face Interactions between Hearing Mothers and Their Deaf or Hearing Infants." *Infant Behavior and Development* 18 (2): 145–53.
- Koester, Lynne S., Lisa Brooks, and Meg A. Traci. 2000. "Tactile Contact by Deaf and Hearing Mothers during Face-to-Face Interactions with Their Infants." *Journal of Deaf Studies and Deaf Education* 5 (2): 127–39.
- Krashen, Stephen. 1997. "Why Bilingual Education?" *ERIC Digest*. Available from <http://files.eric.ed.gov/fulltext/ED403101.pdf>.
- Kuntze, Marlon. 2000. "Codeswitching in ASL and Written English Language Contact." In *The Signs of Language Revisited: An Anthology to Honor Ursula Bellugi and Edward Klima*, edited by Karen Emmorey and Harlan L. Lane, 251–62. Mahwah, NJ: Lawrence Erlbaum Associates.
- . 2008. "Turning Literacy Inside Out." In *Open Your Eyes: Deaf Studies Talking*, edited by H-Dirksen L. Bauman, 146–57. Minneapolis: University of Minnesota Press.
- . 2011. "Toward a New Framework for Analyzing ASL Vocabulary Development: Taking Polymorphemic Signs into Consideration." In *BUCLD 35: Proceedings of the 35th Annual Boston University Conference on Language Development*, edited by Nick Danis, Kate Mesh, and Hyunsuk Sung, 371–81. Somerville, MA: Cascadilla Press.
- Kuntze, Marlon, Debbie Golos, and Charlotte Enns. 2014. Rethinking Literacy: Broadening Opportunities for Visual Learners. *Sign Language Studies*. vol. 14 (2): 203–24.

- Lemos Pizzio, A. 2006. "Variability in Word Order in the Acquisition of Brazilian Sign Language: Constructions with Topic and Focus." MA Thesis, Federal University of Santa Catarina UFSC, Florianópolis, Brazil.
- Lenneberg, Eric H. 1967. *Biological Foundations of Language*. New York: Wiley.
- Lieberman, Amy M., Marla Hatrak, and Rachel I. Mayberry. 2011. "The Development of Eye Gaze Control for Linguistic Input in Deaf Children." In *BUCLD 35: Proceedings of the 35th Annual Boston University Conference on Language Development*, edited by Nick Danis, Kate Mesh, and Hyunsuk Sung, 391–403. Somerville, MA: Cascadilla Press.
- Lillo-Martin, Diane. 1999. "Modality Effects and Modularity in Language Acquisition: The Acquisition of American Sign Language." In *Handbook of Child Language Acquisition*, edited by Tej K. Bhatia and William C. Ritchie, 531–67. San Diego: Academic Press.
- . 2008. "Sign Language Acquisition Studies: Past, Present and Future." In *Sign Languages: Spinning and Unraveling the Past, Present and Future. TISLR9, Forty Five Papers And Three Posters From The 9th, Theoretical Issues In Sign Language Research Conference*, Florianopolis, Brazil, December 2006, edited by Ronice Müller de Quadros, 244–63. Petrópolis, Brazil: Editora Arara Azul.
- . 2009. "Sign Language Acquisition Studies." In *The Cambridge Handbook of Child Language*, edited by Edith Bavin, 399–415. New York: Cambridge University Press.
- Lillo-Martin, Diane, Helen Koulidobrova, Ronice Müller de Quadros, and Deborah Chen Pichler. 2012. "Bilingual Language Synthesis: Evidence from WH-Questions in Bimodal Bilinguals." In *BUCLD 36: Proceedings of the 36th Annual Boston University Conference on Language Development*, edited by Alia K. Biller, Esther Y. Chung, and Amelia E. Kimball, 302–14. Somerville, MA: Cascadilla Press.
- Lillo-Martin, Diane, and Ronice Müller de Quadros. 2005. "The Acquisition of Focus Constructions in American Sign Language and Língua de Sinais Brasileira." In *BUCLD 29: Proceedings of the 29th Annual Boston University Conference on Language Development*, edited by Alejna Brugos, Manuella R. Clark-Cotton, and Seungwan Ha, 365–75. Somerville, MA: Cascadilla Press.
- . 2006. "The Position of Early WH-Elements in American Sign Language and Brazilian Sign Language." In *The Proceedings of the Inaugural Conference on Generative Approaches to Language Acquisition-North America, Honolulu. UCONN Occasional Papers in Linguistics 4, Vol. 1*, edited by Kamil U. Deen, Jun Nomura, Barbara Schulz, and Bonnie D. Schwartz, 195–203. University of Connecticut.
- . 2011. "Acquisition of the Syntax-Discourse Interface: The Expression of Point of View." *Lingua* 121 (4): 623–36.

- Locke, J. L., and D. M. Pearson. 1990. "Linguistic Significance of Babbling: Evidence from a Tracheostomized Infant." *Journal of Child Language* 17 (1): 1–16.
- Loots, Gerrit, and Isabel Devisé. 2003. "The Use of Visual-Tactile Communication Strategies by Deaf and Hearing Fathers and Mothers of Deaf Infants." *Journal of Deaf Studies and Deaf Education* 8 (1): 31–42.
- Loots, Gerrit, Isabel Devisé, and Wolfgang Jacquet. 2005. "The Impact of Visual Communication on the Intersubjective Development of Early Parent-Child Interaction with 18- to 24-Month-Old Deaf Toddlers." *Journal of Deaf Studies and Deaf Education* 10 (4): 357–75.
- Lucas, Ceil, and Clayton Valli. 1992. *Language Contact in the American Deaf Community*. San Diego: Academic Press.
- MacNeilage, Peter F., and Barbara L. Davis. 1990. "Acquisition of Speech Production: Achievement of Segmental Independence." In *Speech Production and Speech Modelling*, edited by William J. Hardcastle and Alain Marchal, 55–68. Boston: Kluwer Academic Publishers.
- Maestas y Moores, Julia. 1980. "Early Linguistic Environment: Interaction of Deaf Parents with Their Infants." *Sign Language Studies* 26:1–13.
- Mallory, Barbara L., Harvey W. Zingle, and Jerome D. Schein. 1993. "Intergenerational Communication Modes in Deaf-Parented Families." *Sign Language Studies* 78:73–95.
- Mann, Wolfgang, Chloe R. Marshall, Kathryn Mason, and Gary Morgan. 2010. "The Acquisition of Sign Language: The Impact of Phonetic Complexity on Phonology." *Language Learning and Development* 6 (1): 60–86.
- Marentette, Paula, and Rachel Mayberry. 2000. "Principles for an Emerging Phonological System: A Case Study of Acquisition of American Sign Language." In *Language Acquisition by Eye*, edited by Charlene Chamberlain, Jill P. Morford, and Rachel I. Mayberry, 51–69. Mahwah, NJ: Lawrence Erlbaum Associates.
- Marshall, Chloe R., Tanya Denmark, and G. Morgan. 2006. "Investigating the Underlying Causes of SLI: A Non-Sign Repetition Test in British Sign Language." *International Journal of Speech-Language Pathology* 8 (4): 347–55.
- Masataka, Nobuo. 1998. "Perception of Motherese in Japanese Sign Language by 6-Month-Old Hearing Infants." *Developmental Psychology* 34:241–46.
- . 2000. "The Role of Modality and Input in the Earliest Stages of Language Acquisition: Studies of Japanese Sign Language." In *Language Acquisition by Eye*, edited by Charlene Chamberlain, Jill P. Morford, and Rachel I. Mayberry, 3–24. Mahwah, NJ: Lawrence Erlbaum Associates.

- Mason, Kathryn, Katherine Rowley, Chloe R. Marshall, Jonna R. Atkinson, Rosalind Heman, Bencie Woll, and Gary Morgan. 2010. "Identifying Specific Language Impairment in Deaf Children Acquiring British Sign Language: Implications for Theory and Practice." *British Journal of Developmental Psychology* 28 (1): 33–49.
- Mayberry, Rachel I. 1993. "First-Language Acquisition After Childhood Differs from Second-Language Acquisition: The Case of American Sign Language." *Journal of Speech and Hearing Research* 36:1258–70.
- Mayberry, Rachel I., and Ellen B. Eichen. 1991. "The Long-Lasting Advantage of Learning Sign Language in Childhood: Another Look at the Critical Period for Language Acquisition." *Journal of Memory and Language* 30 (4): 486–512.
- Mayberry, Rachel I., Elizabeth Lock, and Hena Kazmi. 2002. "Development: Linguistic Ability and Early Language Exposure." *Nature* 417 (6884): 38.
- Mayer, Connie, C. Tane Akamatsu, and David Stewart. 2002. "A Model for Effective Practice: Dialogic Inquiry with Students Who Are Deaf." *Exceptional Children* 68 (4): 485–502.
- McIntire, Marina L. 1977. "The Acquisition of American Sign Language Hand Configurations." *Sign Language Studies* 16:247–69.
- McIntire, Marina, and Judy S. Reilly. 1988. "Nonmanual Behaviors in L1 & L2 Learners of American Sign Language." *Sign Language Studies* 61:351–73.
- McKee, Rachel L., and David McKee. 1992. "What's So Hard About Learning ASL? Students' & Teachers' Perceptions." *Sign Language Studies* 75:129–59.
- Meier, Richard P. 1982. "Icons, Analogues, and Morphemes: The Acquisition of Verb Agreement in American Sign Language." PhD diss., University of California, San Diego.
- . 2006. "The Form of Early Signs: Explaining Signing Children's Articulatory Development." In *Advances in Sign Language Development by Deaf Children*, edited by Brenda Schick, Marc Marschark and Patricia E. Spencer, 202–30. New York: Oxford University Press.
- Meier, Richard P., Claude E. Mauk, Adrienne Cheek, and Christopher J. Moreland. 2008. "The Form of Children's Early Signs: Iconic or Motoric Determinants?" *Language Learning and Development* 4 (1): 63–98.
- Meier, Richard P., and Raquel Willerman. 1995. "Prelinguistic Gesture in Deaf and Hearing Infants." In *Language, Gesture, and Space*, edited by Karen Emmorey and Judy S. Reilly, 391–409. Hillsdale, NJ: Lawrence Erlbaum Associates.

- Meisel, J. M. 1994. "Code-Switching in Young Bilingual Children: The Acquisition of Grammatical Constraints." *Studies in Second Language Acquisition* 16 (4): 413–39.
- Metzger, Melanie, and Ronice Müller de Quadros. 2012. "Cognitive Control in Intermodal Bilingual Interpreters." In *Signed Language Interpreting in Brazil*, edited by Ronice Müller de Quadros, Earl Fleetwood, and Melanie Metzger, 43–56. Washington, DC: Gallaudet University Press.
- Milroy, Lesley, and Pieter Muysken, eds. 1995. *One Speaker, Two Languages: Cross-Disciplinary Perspectives on Code-Switching*. New York: Cambridge University Press.
- Mirus, Gene, Christian Rathmann, and Richard P. Meier. 2001. "Proximalization and Distalization of Sign Movement in Adult Learners." In *Signed Languages: Discoveries from International Research*, edited by Valerie Dively, Melanie Metzger, Sarah Taub, and Anne Marie Baer, 103–19. Washington, DC: Gallaudet University Press.
- Mitchell, Ross E., and Michael A. Karchmer. 2004. "Chasing the Mythical Ten Percent: Parental Hearing Status of Deaf and Hard of Hearing Students in the United States." *Sign Language Studies* 4 (2): 138–63.
- Moeller, Mary P., and Brenda Schick. 2006. "Relations between Maternal Input and Theory of Mind Understanding in Deaf Children." *Child Development* 77 (3): 751–66.
- Morford, Jill P., and Rachel I. Mayberry. 2000. "A Reexamination of "Early Exposure" and Its Implications for Language Acquisition by Eye." In *Language Acquisition by Eye*, edited by Charlene Chamberlain, Jill P. Morford, and Rachel I. Mayberry, 111–28. Mahwah, NJ: Lawrence Erlbaum Associates.
- Morford, Jill P., Jenny L. Singleton, and Susan Goldin-Meadow. 1995. "From Homesign to ASL: Identifying the Influences of a Self-Generated Childhood Gesture System upon Language Proficiency in Adulthood." In *BUCLD 19: Proceedings of the 19th Annual Boston University Conference on Language Development*, Vol. 2, edited by Dawn MacLaughlin and Susan McEwen, 403–14. Somerville, MA: Cascadilla Press.
- Morford, Jill P., Erin Wilkinson, Agnes Villwock, Pilar Piñar, and Judith F. Kroll. 2011. "When Deaf Signers Read English: Do Written Words Activate Their Sign Translations?" *Cognition* 118 (2): 286–92.
- Morgan, Gary. 2006. "The Development of Narrative Skills in British Sign Language." In *Advances in Sign Language Development in Deaf Children*, edited by Brenda Schick, Marc Marschark and Patricia E. Spencer, 314–43. New York: Oxford University Press.
- Morgan, Gary, Sarah Barrett-Jones, and Helen Stoneham. 2007. "The First Signs of Language: Phonological Development in British Sign Language." *Applied Psycholinguistics* 28 (1): 3–22.

- Morgan, Gary, Isabelle Barrière, and Bencie Woll. 2006. "The Influence of Typology and Modality in the Acquisition of Verb Agreement in British Sign Language." *First Language* 26:19–44.
- Morgan, Gary, Rosalind Herman, Isabelle Barriere, and Bencie Woll. 2008. "The Onset and Mastery of Spatial Language in Children Acquiring British Sign Language." *Cognitive Development* 23 (1): 1–19.
- Morgan, Gary, Rosalind Herman, and Bencie Woll. 2007. "Language Impairments in Sign Language: Breakthroughs and Puzzles." *International Journal of Language and Communication Disorders* 42 (1): 97–105.
- Morgan, Gary, and Judy Kegl. 2006. "Nicaraguan Sign Language and Theory of Mind: The Issue of Critical Periods and Abilities." *Journal of Child Psychology and Psychiatry* 47 (8): 811–819.
- Morgan, Gary, and Bencie Woll, eds. 2002. *Directions in Sign Language Acquisition*. Philadelphia: John Benjamins Publishing Company.
- Muysken, Pieter. 2000. *Bilingual Speech: A Typology of Code-Mixing*. New York: Cambridge University Press.
- Nelson, Charles A. 1987. "The Recognition of Facial Expression in the First Two Years of Life: Mechanisms of Development." *Child Development* 58 (4): 889–909.
- Newport, Elissa, and Richard P. Meier. 1985. "The Acquisition of American Sign Language." In *The Crosslinguistic Study of Language Acquisition*, Vol. 1: The Data, edited by Dan I. Slobin, 881–938. Hillsdale, NJ: Lawrence Erlbaum Associates.
- Newport, Elissa, and Ted Supalla. 1980. "The Structuring of Language by Developmental Processes: Clues from the Acquisition of Signed and Spoken Language." In *Signed and Spoken Language: Biological Constraints on Linguistic Form*, edited by Ursula Bellugi and Michael Studdert-Kennedy, 187–212. Deerfield Beach, FL: Verlag Chemie.
- Oller, D. Kimbrough, and Rebecca E. Eilers. 1988. "The Role of Audition in Infant Babbling." *Child Development* 59 (2): 441–49.
- Orlansky, Michael D., and John D. Bonvillian. 1985. "Sign Language Acquisition: Language Development in Children of Deaf Parents and Implications for Other Populations." *Merrill-Palmer Quarterly* 31 (2): 127–43.
- Ormel, Ellen, Daan Hermans, Harry Knoors, and Ludo Verhoeven. 2012. "Cross-Language Effects in Written Word Recognition: The Case of Bilingual Deaf Children." *Bilingualism: Language and Cognition* 15 (2): 288–303.

Ortega, Gerardo, and Gary Morgan. 2010. "Comparing Child and Adult Development of a Visual Phonological System." *Language, Interaction and Acquisition* 1 (1): 67–81.

Özçalışkan, Şeyda, and Susan Goldin-Meadow. 2005. "Gesture Is at the Cutting Edge of Early Language Development." *Cognition* 96 (3): B101–B113.

Padden, Carol A. 1991. "The Acquisition of Fingerspelling by Deaf Children." In *Theoretical Issues in Sign Language Research: Vol. 2: Psychology*, edited by Patricia Siple and Susan D. Fischer, 191–210. Chicago: University of Chicago Press.

———. 2006. "Learning to Fingerspell Twice: Young Signing Children's Acquisition of Fingerspelling." In *Advances in Sign Language Development of Deaf Children*, edited by Brenda Schick, Marc Marschark, and Patricia E. Spencer, 189–201. New York: Oxford University Press.

Padden, Carol A., and Claire Ramsey. 1998. "Reading Ability in Signing Deaf Children." *Topics in Language Disorders* 18 (4): 16–46.

Paradis, Johanne, and Fred Genesee. 1996. "Syntactic Acquisition in Bilingual Children: Autonomous or Interdependent?" *Studies in Second Language Acquisition* 18 (1): 1–25.

Petitto, Laura A. 1987. "On the Autonomy of Language and Gesture: Evidence from the Acquisition of Personal Pronouns in American Sign Language." *Cognition* 27 (1): 1–52.

———. 1988. "'Language' in the Prelinguistic Child." In *The Development of Language and Language Researchers: Essays in Honor of Roger Brown*, edited by Frank S. Kessel, 187–221. Hillsdale, NJ: Lawrence Erlbaum Associates.

———. 2000. "The Acquisition of Natural Signed Languages: Lessons in the Nature of Human Language and Its Biological Foundations." In *Language Acquisition by Eye*, edited by Charlene Chamberlain, Jill P. Morford and Rachel I. Mayberry, 41–50. Mahwah, NJ: Lawrence Erlbaum Associates.

Petitto, Laura A., Marina Katerelos, Bronna G. Levy, Kristine Gauna, Karine Tétrault, and Vittoria Ferraro. 2001. "Bilingual Signed and Spoken Language Acquisition from Birth: Implications for the Mechanisms Underlying Early Bilingual Language Acquisition." *Journal of Child Language* 28 (2): 433–52.

Petitto, Laura A., and Paula F. Marentette. 1991. "Babbling in the Manual Mode: Evidence for the Ontogeny of Language." *Science* 251 (5000): 1493–96.

Pizer, Ginger, Kathleen M. Shaw, and Richard P. Meier. 2008. "Joint Attention and Child-Directed Signing in American Sign Language." In *BUCLD 32 Online Proceedings Supplement*, edited by Harvey Chan, Enkeleida Kapia, and Heather Jacob, accessed January 24, 2013, <http://www.bu.edu/buclid/proceedings/supplement/vol32>.

- Pizzuto, Elena. 2002. "The Development of Italian Sign Language (LIS) in Deaf Preschoolers." In *Directions in Sign Language Acquisition*, edited by Gary Morgan and Bencie Woll, 77–114. Philadelphia: John Benjamins Publishing Company.
- Pyers, Jennie E., and Ann Senghas. 2009. "Language Promotes False-Belief Understanding: Evidence from Learners of a Nicaraguan Sign Language." *Psychological Science* 20 (7): 805–812.
- Quadros, Ronice Müller de. 1997. *Educação de Surdos: A Aquisição da Linguagem*. Porto Alegre: Artes Médicas.
- Quadros, Ronice Müller de, and Lodenir Becker Karnopp. 2004. *Língua de Sinais Brasileira: Estudos Lingüísticos*. Porto Alegre: Artmed.
- Quadros, Ronice Müller de, and Diane Lillo-Martin. 2007. "Gesture and the Acquisition of Verb Agreement in Sign Languages." In *BUCLD 31: Proceedings of the 31st Annual Boston University Conference on Language Development*, edited by Heather Caunt-Nulton, Samantha Kulatilake, and I-hao Woo, 520–31. Somerville, MA: Cascadilla Press.
- Quadros, Ronice Müller de, Diane Lillo-Martin, and Gaurav Mathur. 2001. O que a aquisição da linguagem em crianças surdas tem a dizer sobre o estágio de infinitivos opcionais? *Letras de Hoje: Estudos e Debates de Assuntos de Lingüística, Literatura e Língua Portuguesa* 36 (3): 391–97. Anais do 5 encontro nacional sobre aquisição da linguagem e do 1 encontro internacional sobre aquisição da linguagem, 2 a 6 de outubro de 2000, organizados por R. Lamprecht and S. Menuzzi. Porto Alegre: PUCRS.
- Quinto-Pozos, David. "Considering Developmental Language Disorders in Signed Languages." Presented at Universidade Federal de Santa Catarina, Florianópolis, Brazil, 2012.
- Quinto-Pozos, David, Jenny L. Singleton, Peter Hauser, and Susan Levine. 2014. "A Case-study Approach to Investigating Developmental Signed Language Disorders." In *Multilingual Aspects of Signed Language Communication and Disorder*, edited by David Quinto-Pozos, 70–89. Bristol, England: Multilingual Matters.
- Reilly, Judy. 2006. "How Faces Come to Serve Grammar: The Development of Nonmanual Morphology in American Sign Language." In *Advances in Sign Language Development of Deaf Children*, edited by Brenda Schick, Marc Marschark, and Patricia E. Spencer, 262–90. New York: Oxford University Press.
- Reilly, Judy, and M. McIntire. 1991. "WHERE SHOE: The Acquisition of Wh-Questions in ASL." In *Papers and Reports on Child Language Development*, 104–11. Stanford, CA: Department of Linguistics, Stanford University.
- Reilly, Judy S., Marina L. McIntire, and Ursula Bellugi. 1990. "Faces: The Relationship Between Language and Affect." In *From Gesture to Language in Hearing and Deaf*

- Children*, edited by Virginia Volterra and Carol J. Erting, 128–41. New York: Springer-Verlag.
- . 1991. "Baby Face: A New Perspective on Universals in Language Acquisition." In *Theoretical Issues in Sign Language Research: Vol. 2: Psychology*, edited by Patricia Siple and Susan D. Fischer, 9–23. Chicago: University of Chicago Press.
- Rosen, Russell S. 2004. "Beginning L2 Production Errors in ASL Lexical Phonology: A Cognitive Phonology Model." *Sign Language and Linguistics* 7 (1): 31–61.
- Sandler, Wendy, and Diane Lillo-Martin. 2006. *Sign Language and Linguistic Universals*. New York: Cambridge University Press.
- Schick, Brenda. 1990. "The Effects of Morphosyntactic Structure on the Acquisition of Classifier Predicates in ASL." In *Sign Language Research: Theoretical Issues*, edited by Ceil Lucas, 358–74. Washington, DC: Gallaudet University Press.
- . 2006. "Acquiring a Visually Motivated Language: Evidence from Diverse Learners." In *Advances in the Sign Language Development of Deaf Children*, edited by Brenda Schick, Marc Marschark, and Patricia E. Spencer, 102–34. New York: Oxford University Press.
- Schick, B., P. De Villiers, J. De Villiers, and R. Hoffmeister. 2007. "Language and Theory of Mind: A Study of Deaf Children." *Child Development* 78 (2): 376–396.
- Schick, Brenda, Marc Marschark, and Patricia E. Spencer, eds. 2006. *Advances in the Sign Language Development of Deaf Children*. New York: Oxford University Press.
- Schieffelin, Bambi B., and Elinor Ochs. 1986. *Language Socialization across Cultures*. New York: Cambridge University Press.
- Schleper, D. R. 1994. "Does Your F Want to Y? How Deaf Children Use Invented Spelling." *Talking Points* 6 (2): 16–17.
- Shield, Aaron, and Richard P. Meier. 2012. "Palm Reversal Errors in Native-Signing Children with Autism." *Journal of Communication Disorders* 45:439–54.
- Siedlecki, Theodore Jr., and John D. Bonvillian. 1993. "Location, Handshape & Movement: Young Children's Acquisition of the Formational Aspects of American Sign Language." *Sign Language Studies* 78:31–52.
- Singleton, Jenny L., and Dianne D. Morgan. 2006. "Natural Signed Language Acquisition within the Social Context of the Classroom." In *Advances in Sign Language Development of Deaf Children*, edited by Brenda Schick, Marc Marschark, and Patricia E. Spencer, 344–73. New York: Oxford University Press.

- Singleton, Jenny L., and Elissa L. Newport. 2004. "When Learners Surpass Their Models: The Acquisition of American Sign Language from Inconsistent Input." *Cognitive Psychology* 49 (4): 370–407.
- Siple, L. 1995. "The Use of Addition in Sign Language Transliteration." PhD diss., University of New York, Buffalo.
- Slobin, Dan I., ed. 1985–1997. *The Crosslinguistic Study of Language Acquisition*. 5 vols. Hillsdale, NJ: Lawrence Erlbaum Associates.
- Slobin, Dan I., Nini Hoiting, Marlon Kuntze, Reyna Lindert, Amy Weinberg, Jenny Pyers, Michelle Anthony, Yael Biedermann, and Helen Thumann. 2003. "A Cognitive/Functional Perspective on the Acquisition of 'Classifiers.'" In *Perspectives on Classifier Constructions in Sign Languages*, edited by Karen Emmorey, 271–96. Mahwah, NJ: Lawrence Erlbaum Associates.
- Snow, Catherine E., and Charles A. Ferguson, eds. 1977. *Talking to Children: Language Input and Acquisition*. New York: Cambridge University Press.
- Spencer, Patricia E., and Margaret Harris. 2006. "Patterns and Effects of Language Input to Deaf Infants and Toddlers from Deaf and Hearing Mothers." In *Advances in the Sign Language Development of Deaf Children*, edited by Brenda Schick, Marc Marschark, and Patricia E. Spencer, 71–101. New York: Oxford University Press.
- Stumpf, Marianne Rossi. 2005. *Aprendizagem De Escrita De Língua De Sinais Pelo Sistema Signwriting: Línguas De Sinais No Papel E No Computador*. Porto Alegre: Ufrgs, 2005. Tese Doutorado Em Informática Na Educação., Pós-Graduação Em Informática Na Educação, Universidade Federal Do Rio Grande Do Sul.
- Supalla, Samuel J. 1990. "Segmentation of Manually Coded English: Problems in the Mapping of English in the Visual/Gestural Mode." PhD diss., University of Illinois, Urbana-Champaign.
- Sutton, Valerie. 2009. *SignWriting Basics Instruction Manual*. 3rd ed. La Jolla, CA: The SignWriting Press.
- Takkinen, Ritva. 2003. "Variation of Handshape Features in the Acquisition Process." In *Cross-Linguistic Perspectives in Sign Language Research: Selected Papers from TISLR 2000*, edited by Anne Baker, Beppie van den Bogaerde, and Onno Crasborn, 81–94. Hamburg, Germany: Signum.
- Tang, Gladys, Felix Sze, and Scholastica Lam. 2007. "Acquisition of Simultaneous Constructions by Deaf Children of Hong Kong Sign Language." In *Simultaneity in Signed Languages: Form and Function*, edited by Myriam Vermeerbergen, Lorraine Leeson, and Onno Crasborn, 283–316. Philadelphia: John Benjamins Publishing Company.

UNESCO Asia and Pacific Regional Bureau for Education. 2008. *Improving the Quality of Mother Tongue-based Literacy and Learning: Case Studies from Asia, Africa and South America*. Edited by Caroline Haddad. Bangkok: UNESCO Bangkok.

van den Bogaerde, Beppie (Elizabeth M.). 2000. "Input and Interaction in Deaf Families." PhD diss., University of Amsterdam. Utrecht, the Netherlands: LOT Publications.

van den Bogaerde, Beppie, and Anne Baker. 2005. "Code Mixing in Mother-Child Interaction in Deaf Families." *Sign Language and Linguistics* 8:153–76.

van der Stelt, Jeannette M., and Florian J. Koopmans-van Bienum. 1986. "The Onset of Babbling Related to Gross Motor Development." In *Precursors of Early Speech*, edited by Björn Lindblom and Rolf Zetterström, 163–74. New York: Stockton Press.

van Hoek, Karen, Lucinda O'Grady, and Ursula Bellugi. 1987. "Morphological Innovation in the Acquisition of American Sign Language." In *Papers and Reports on Child Language Development* 26, 116–23. Stanford, CA: Department of Linguistics, Stanford University.

Vihman, Marilyn M. 1996. *Phonological Development: The Origins of Language in the Child*. Cambridge, MA: Blackwell.

Vihman, Marilyn M., Marlys A. Macken, Ruth Miller, Hazel Simmons, and James Miller. 1985. "From Babbling to Speech: A Re-Assessment of the Continuity Issue." *Language* 61 (2): 397–445.

Volterra, Virginia, and Jana Iverson. 1995. "When Do Modality Factors Affect the Course of Language Acquisition?" In *Language, Gesture, and Space*, edited by Karen Emmorey and Judy S. Reilly, 371–90. Hillsdale, NJ: Lawrence Erlbaum Associates.

von Tetzchner, Stephen. 1984. "First Signs Acquired by a Norwegian Deaf Child with Hearing Parents." *Sign Language Studies* 44:225–57.

Waxman, Robyn P., and Patricia E. Spencer. 1997. "What Mothers Do to Support Infant Visual Attention: Sensitivities to Age and Hearing Status." *Journal of Deaf Studies and Deaf Education* 2 (2): 104–14.

Welles, Elizabeth B., ed. 2004. "Foreign Language Enrollments in United States Institutions of Higher Education, Fall 2002." *ADFL Bulletin* 35 (3): 7–26.

Wilbur, Ronnie B. 2000. "The Use of ASL to Support the Development of English and Literacy." *Journal of Deaf Studies and Deaf Education* 5 (1): 81–104.

Wimmer, Heinz, and Josef Perner. 1983. "Beliefs about Beliefs: Representation and Constraining Function of Wrong Beliefs in Young Children's Understanding of Deception." *Cognition* 13 (1): 103–28.

- Winston, Elizabeth A. 1989. "Code Mixing and Interpreting." In *Proceedings of the 30th Annual Conference of the American Translators Association*, edited by D. Hammond. Medford, NJ: Learned Information, Inc.
- Woll, Bencie. 2013. Sign Language and Spoken Language Development in Young Children: Measuring Vocabulary by Means of the CDI. In *Sign Language Research, Uses and Practices: Crossing Views on Theoretical and Applied Sign Language Linguistics*, edited by Laurence Meurant, Aurélie Sinte, Mieke van Herreweghe, and Myriam Vermeerbergen. Berlin: deGruyter Mouton & Ishara Press.
- Woll, Bencie, and Gary Morgan. 2012. "Language Impairments in the Development of Sign: Do They Reside in a Specific Modality or Are They Modality-Independent Deficits?" *Bilingualism: Language and Cognition* 15 (1): 75–87.
- Woolfe, Tyron, Rosalind Herman, Penny Roy, and Bencie Woll. 2010. "Early Vocabulary Development in Deaf Native Signers: A British Sign Language Adaptation of the Communicative Development Inventories." *Journal of Child Psychology and Psychiatry* 51 (3): 322–31.
- Woolfe, Tyron, Stephen C. Want, and Michael Siegal. 2002. "Signposts to Development: Theory of Mind in Deaf Children." *Child Development* 73 (3): 768–778.