

Prof. Marilyn Vihman

Research output

Word form generalization across voices: The role of infant sleep

Belia, M., Keren-Portnoy, T. & Vihman, M., 1 Jan 2025, In: *Journal of Experimental Child Psychology*. 249, 5, 19 p., 106106.

A challenge to whole-word phonology? A study of Japanese and Mandarin

Vihman, M., Ota, M., Keren-Portnoy, T., Choo, R. Q. & Lou, S., 4 Jan 2023, (E-pub ahead of print) In: *Language Learning and Development*. 21 p.

Systematic review of the effects of sleep on memory and word learning in infancy

Belia, M., Keren-Portnoy, T. & Vihman, M., 15 Nov 2022, (E-pub ahead of print) In: *Language Learning*. 39 p.

The acquisition of demonstratives in a complex noun class system

Sagna, S., Vihman, V.-A., Vihman, M. & Brown, D., Nov 2022, In: *Word Structure*. 15, 3, p. 226-251

Child phonological responses to variegation in adult words: a cross-linguistic study

Vihman, M., Ota, M., Keren-Portnoy, T., Lou, S. & Choo, R. Q., 23 Aug 2022, (E-pub ahead of print) In: *Journal of Child Language*. 28 p.

Infant looking preferences towards dynamic faces: A systematic review

Bastianello, T., Keren-Portnoy, T., Majorano, M. & Vihman, M., 1 May 2022, In: *Infant Behavior and Development*. 67, 16 p., 101709.

The developmental origins of phonological memory

Vihman, M., 2022, In: *Psychological Review*. 14 p.

Robust effects of stress on early lexical representation

Segal, O., Keren-Portnoy, T. & Vihman, M., 18 Jun 2020, In: *Infancy*. 25, 4, p. 500-521

Phonological Templates in Development

Vihman, M., 30 Oct 2019, Oxford University Press. 384 p. (Oxford Studies in Phonology and Phonetics)

vocal production and novel word learning in the first year

Majorano, M., Bastianello, T., Morelli, M., Lavelli, M. & Vihman, M., 31 May 2019, In: *Journal of Child Language*. 46, p. 606-616 10 p.

Do infants learn from isolated words? An ecological study

Keren-Portnoy, T., Vihman, M. & Lindop Fisher, R. J., 2 Jan 2019, In: *Language Learning and Development*. 15, 1, p. 47-63 17 p.

Lexical access and competition in bilingual children: The role of proficiency and the lexical similarity of the two languages

Persici, V., Vihman, M., Burro, R. & Majorano, M., 23 Nov 2018, (E-pub ahead of print) In: *Journal of Experimental Child Psychology*. 179, p. 103-125 23 p.

An order effect in English infants' discrimination of an Urdu affricate contrast

Dar, M., Keren-Portnoy, T. & Vihman, M., 16 Jan 2018, (E-pub ahead of print) In: *Journal of Phonetics*. 67, p. 49-64 16 p.

Advances in early speech production: Interactions with maturation, perception and learning

Vihman, M., 2018, (Accepted/In press) *International Handbook of Language Development*. Routledge

First word learning

Vihman, M., 2018, *Oxford Handbook of Psycholinguistics*. Rueschmeyer, S.-A. & Gaskell, G. (eds.). 2nd ed. Oxford: Oxford University Press, p. 714-735 23 p.

Templates in child language

Vihman, M. & Wauquier, S., 2018, *Sources of variation in first language acquisition: Languages, contexts, and learners*. Amsterdam: John Benjamins Publishing Company, (Trends in Language Acquisition Research (TiLAR)).

How salient are onomatopoeia in the early input? A prosodic analysis of infant-directed speech.

Laing, C. E., Vihman, M. & Keren-Portnoy, T., 1 Sept 2017, In: *Journal of Child Language*. 24 p.

In search of a learning model

Vihman, M., 6 Jan 2017, (E-pub ahead of print) In: *British journal of psychology*. 108, p. 40-42 3 p.

Learning words and learning sounds: Advances in language development

Vihman, M., 6 Jan 2017, In: *British journal of psychology*. 108, 1, p. 1-27 27 p.

The role of geminates in infants' early word production and word-form recognition

Vihman, M. & Majorano, M., 2017, In: *Journal of Child Language*. p. 1-27 27 p.

What paves the way to conventional language? The predictive value of babble, pointing and socioeconomic status

McGillion, M. L., Herbert, J. S., Pine, J. M., Vihman, M., DePaolis, R., Keren-Portnoy, T. & Matthews, D. E., 10 Nov 2016, (E-pub ahead of print) In: *Child Development*. 31 p.

Making sense of infant familiarity and novelty responses to words at lexical onset

DePaolis, R., Keren-Portnoy, T. & Vihman, M., 18 May 2016, In: *Frontiers in Psychology*. 7, 12 p., 715.

Prosodic structures and templates in bilingual phonological development

Vihman, M., Jan 2016, In: *Bilingualism: Language and Cognition*. 19, 1, p. 69-88 20 p.

British English infants segment words only with exaggerated infantdirected speech stimuli

Floccia, C., Keren-Portnoy, T., DePaolis, R. A., Duffy, H., Delle Luche, C., Durrant, S., White, L., Goslin, J. & Vihman, M., 2016, In: *Cognition*. 148, p. 1-9 9 p.

Phonological templates in development

Vihman, M., 2016, (Accepted/In press) *Oxford Research Encyclopedia*. Aronoff, M. (ed.). Oxford: Oxford University Press

Babbling and words: a dynamic systems perspective on phonological development

Vihman, M., DePaolis, R. A. & Keren-Portnoy, T., Nov 2015, *The Cambridge Handbook of Child Language*. Bavin, E. & Naigles, L. (eds.). 2nd ed. Cambridge: Cambridge University Press, p. 207-229 229 p.

First language acquisition and phonological change

Foulkes, P. & Vihman, M., Nov 2015, *Oxford Handbook of Historical Phonology*. Honeybone, P. & Salmons, J. (eds.). Oxford: Oxford University Press, 32 p. (Oxford Handbooks in Linguistics).

Infant Recognition of Hebrew Vocalic Word Patterns

Segal, O., Keren-Portnoy, T. & Vihman, M., Mar 2015, In: *Infancy*. 20, 2, p. 208-236 29 p.

Perception and production in phonological development.

Vihman, M., Feb 2015, *The Handbook of Language Emergence*. MacWhinney, B. & O'Grady, W. (eds.). Malden, MA: Wiley-Blackwell, p. 437-457 21 p.

The acquisition of the English sound system

Vihman, M., 2015, *Handbook of English Pronunciation*. Reed, M. & Levis, J. (eds.). Malden, MA: Wiley-Blackwell, p. 333-349

The role of production in infant word learning

Vihman, M., DePaolis, R. & Keren-Portnoy, T., Sept 2014, In: *Language Learning*. 64, Suppl. 2, p. 121-140 19 p.

The relationship between infants' production experience and their processing of speech

Majorano, M., Vihman, M. & DePaolis, R. A., Apr 2014, In: *Language Learning and Development*. 10, 2, p. 179-204 26 p.

Phonological Development: The first two years

Vihman, M. M., Feb 2014, 2nd ed. Boston, MA: Wiley-Blackwell. 448 p.

When do infants begin recognizing familiar words in sentences?

DePaolis, R. A., Vihman, M. & Keren-Portnoy, T., Jan 2014, In: *Journal of Child Language*. 41, 1, p. 226-239 14 p.

Phonological Development: The first two years

Vihman, M., 2014, 2nd ed. Malden, MA: Wiley-Blackwell. 429 p.

The influence of babbling patterns on the processing of speech

DePaolis, R. A., Vihman, M. & Nakai, S., Dec 2013, In: *Infant Behavior and Development*. 36, 4, p. 642-649 7 p.

The Emergence of Phonology: Whole word approaches and cross-linguistic evidence

Vihman, M. (Editor) & Keren-Portnoy, T. (Editor), Oct 2013, Cambridge: Cambridge University Press. 532 p.

Supporting early vocabulary development: What sort of responsiveness matters?

McGillion, M. L., Herbert, J. S., Pine, J. M., Keren-Portnoy, T., Vihman, M. & Matthews, D. E., Sept 2013, In: *IEEE Transactions on Autonomous Mental Development*. 5, 3, p. 240-248 6584788.

Do production patterns influence the processing of speech in prelinguistic infants?

DePaolis, R. A., Vihman, M. & Keren-Portnoy, T., Dec 2011, In: *Infant Behavior and Development*. 34, 4, p. 590-601 12 p.

The role of production practice in lexical and phonological development—a commentary on Stoel-Gammon's 'Relationships between lexical and phonological development in young children'

Vihman, M. & Keren-Portnoy, T., Jan 2011, In: *Journal of Child Language*. 38, 1, p. 41-5 5 p.

Features in child phonology: Inherent, emergent, or artefacts of analysis?

Menn, L. & Vihman, M., 2011, *Where Do Phonological Features Come From?: Cognitive, physical and developmental bases of distinctive speech categories*. Clements, G. N. & Ridouane, R. (eds.). Amsterdam: John Benjamins Publishing Company, p. 261-301 41 p. (Language Faculty and Beyond : Internal and External Variation in Linguistics; vol. 6).

From first words to segments: A case study in phonological development

Vihman, M. & Vihman, V.-A., 2011, *Experience, Variation, and Generalization: Learning a first language*. Clark, E. V. & Arnon, I. (eds.). Amsterdam: John Benjamins Publishing Company, (Trends in Language Acquisition Research).

The Role of Vocal Practice in Constructing Phonological Working Memory

Keren-Portnoy, T., Vihman, M. M., DePaolis, R. A., Whitaker, C. J. & Williams, N. M., 1 Oct 2010, In: *Journal of speech language and hearing research*. 53, 5, p. 1280-1293 14 p.

Phonological templates in early words

Vihman, M., Aug 2010, *Laboratory Phonology 10*. Fougeron, C., Kühnert, B., D'Imperio, M. & Vallée, N. (eds.). Berlin: De Gruyter, p. 261-284 24 p. (Phonology and Phonetics [PP]; vol. 4, no. 4).

A dynamic systems approach to babbling and words

Vihman, M., DePaolis, R. A. & Keren-Portnoy, T., Mar 2009, *The Cambridge Handbook of Child Language*. Bavin, E. L. (ed.). Cambridge: Cambridge University Press, p. 163-184 22 p. (Cambridge Handbooks in Linguistics).

From phonetics to phonology: The emergence of first words in Italian

Keren-Portnoy, T., Majorano, M. & Vihman, M. M., Mar 2009, In: *Journal of Child Language*. 36, 2, p. 235-267 33 p.

A Dynamic Systems approach to babbling and words

Vihman, M., DePaolis, R. A. & Keren-Portnoy, T., 2009, *The Cambridge Handbook of Child Language*. Bavin, E. L. (ed.). Cambridge: Cambridge University Press, p. 163-182 20 p.

Word learning and the origins of phonological systems

Vihman, M. M., 2009, *Language Acquisition*. Foster-Cohen, S. (ed.). Basingstroke, Hampshire: Palgrave Macmillan, (Palgrave Advances in Linguistics).

Prosody in production at the onset of word use: A cross-linguistic study

DePaolis, R. A., Vihman, M. M. & Kunnari, S., Apr 2008, In: *Journal of Phonetics*. 36, 2, p. 406-422 17 p.

The onset of word form recognition

Thierry, G. & Vihman, M., 2008, *Early language development: Bridging brain and behaviour*. Friederici, A. & Thierry, G. (eds.). Amsterdam: John Benjamins Publishing Company, Vol. 5. p. 115-135 20 p. (Trends in Language Acquisition Research).

Onset of word form recognition in English, Welsh, and English-Welsh bilingual infants

Vihman, M. M., Thierry, G., Lum, J., Keren-Portnoy, T. & Martin, P., Jul 2007, In: *Applied Psycholinguistics*. 28, 3, p. 475-493 19 p.

Phonological development: toward a "radical" templatic phonology

Vihman, M. & Croft, W., Jul 2007, In: *Linguistics*. 45, 4, p. 683-725 43 p.

Phonology in infancy and early childhood: Implications for theories of language learning

Velleman, S. L. & Vihman, M. M., 2007, *Phonology in Context*. Pennington, M. C. (ed.). Luton: Palgrave Macmillan, p. 25-50 26 p. (Palgrave Advances in Linguistics).

Getting the rhythm right: A cross-linguistic study of segmental duration in babbling and first words

Vihman, M. M., Nakai, S. & DePaolis, R. A., 2006, *Laboratory Phonology 8*. Goldstein, L., Whalen, D. & Best, C. T. (eds.). New York: De Gruyter, Vol. 8. p. 341-366 26 p.

The acquisition of verbal inflection in Estonian.

Vihman, M. M. & Vija, M., 2006, *The Acquisition of Verbs and their Grammar: The effect of particular languages*. Dordrecht: Springer, p. 269-295 26 p.

The sources of phonological knowledge: A cross-linguistic perspective

Vihman, M. M. & Kunnari, S., 2006, In: *Recherches Linguistiques de Vincennes*. 35, p. 133-164 31 p.

A radical approach to early mixed utterances

Deuchar, M. & Vihman, M., Jun 2005, In: *International Journal of Bilingualism*. 9, 2, p. 137-157 21 p.

The role of accentual pattern in early lexical representation

Vihman, M. M., Nakai, S., DePaolis, R. A. & Hallé, P., Apr 2004, In: *Journal of Memory and Language*. 50, 3, p. 336-353 17 p.

Familiar words capture the attention of 11-month-olds in less than 250 ms

Thierry, G., Vihman, M. & Roberts, M., 19 Dec 2003, In: *NeuroReport*. 14, 18, p. 2307-2310 4 p.

Experimental evidence for an effect of vocal experience on infant speech perception

Vihman, M. M. & Nakai, S., 2003, *Proceedings of the 15th International Congress of Phonetic Sciences*. Solé, M. J., Recasens, D. & Romero, J. (eds.). Barcelona, p. 1029-1032 4 p.

Getting started without a system: from phonetics to phonology in bilingual development

Vihman, M. M., Sept 2002, In: *International Journal of Bilingualism*. 6, 3, p. 239-254 16 p.

Whole-word phonology and templates: trap, bootstrap, or some of each?

Velleman, S. L. & Vihman, M. M., Jan 2002, In: *Language, Speech and Hearing Services in Schools*. 33, 1, p. 9-23 14 p.

The role of mirror neurons in the ontogeny of speech

Vihman, M. M., 2002, *Mirror Neurons and the Evolution of Brain and Language*. Stamenov, M. I. & Gallese, V. (eds.). Amsterdam: John Benjamins Publishing Company, p. 305-314 10 p. (Advances in Consciousness Research).

Early phonetic and lexical development: a productivity approach

McCune, L. & Vihman, M. M., Jun 2001, In: *Journal of Speech, Language and Hearing Research (JSLHR)*. 44, p. 670-684 15 p.

More crosslinguistic evidence on fillers in the late single-word period.

Vihman, M. & Velleman, S. L., Feb 2001, In: *Journal of Child Language*. 28, 1, p. 279-282 4 p.

Cross-linguistic evidence for the acquisition of geminates

Kunnari, S., Nakai, S. & Vihman, M. M., 2001, In: *Psychology of Language and Communication*. 5, 2, p. 13-24 12 p.

The construction of a first phonology

Vihman, M. M. & Velleman, S. L., 2000, In: *Phonetica*. 57, 2-4, p. 255-266 12 p.

The role of mimesis in infant language development: Evidence for phylogeny

Vihman, M. M. & DePaolis, R. A., 2000, *The Evolutionary Emergence of Language*. Knight, C., Studdert-Kennedy, M. & Hurford, J. R. (eds.). Cambridge University Press, p. 130-145 15 p.

The transition to grammar in a bilingual child: Positional patterns, model learning, and relational words

Vihman, M. M., Jun 1999, In: *International Journal of Bilingualism*. 3, 2-3, p. 267-301 34 p.

Is there a "trochaic bias" in early word learning? Evidence from infant production in English and French

Vihman, M., DePaolis, R. A. & Davis, B. L., Aug 1998, In: *Child Development*. 69, 4, p. 935-949 14 p.

A Developmental Perspective on Code-Switching: Conversations between a Pair of Bilingual Siblings

Vihman, M. M., Mar 1998, In: *International Journal of Bilingualism*. 2, 1, p. 45-84 40 p.

Grunt Communication in Human Infants (Homo sapiens)

McCune, L., Vihman, M. M., Roug-Hellichius, L., Delery, D. B. & Gogate, L., Mar 1996, In: *Journal of Comparative Psychology*. 110, 1, p. 27-37 11 p.

Phonological development: The origins of language in the child

Vihman, M. M., 1996, Wiley-Blackwell.

Projects

Dynamic interactions between perception & production

Vihman, M. (Principal investigator)
ECONOMIC AND SOCIAL RESEARCH COUNCIL (ESRC)
1/03/07 → 31/05/09

Effects of input on early word learning

Vihman, M. (Principal investigator)
ECONOMIC AND SOCIAL RESEARCH COUNCIL (ESRC)
1/09/11 → 31/03/13

Infant memory in word learning: Effects of sleep and interference

Keren-Portnoy, T. (Principal investigator) & Vihman, M. (Principal investigator)
1/04/15 → 31/07/15

Late Talking Toddlers: Relating Phonological to Lexical development

Vihman, M. (Principal investigator)
ECONOMIC AND SOCIAL RESEARCH COUNCIL (ESRC)
1/02/07 → 31/05/09

Matches and mismatches in nominal morphology and agreement: Learning from the acquisition of Eegimaa

Brown, D. (Principal investigator) & Vihman, M. (Co-investigator)
1/04/17 → 31/03/20

Phonological acquisition in multilingual settings: the case of Lebanese Arabic

Vihman, M. (Principal investigator)
ECONOMIC AND SOCIAL RESEARCH COUNCIL (ESRC)
1/04/07 → 30/06/11

Psychological significance of production templates in phonological and lexical advance:

Vihman, M. (Principal investigator)
ECONOMIC AND SOCIAL RESEARCH COUNCIL (ESRC)
1/06/09 → 30/11/11

Role of isolated words in word learning

Vihman, M. (Principal investigator) & Keren-Portnoy, T. (Co-investigator)
THE BRITISH ACADEMY
1/04/14 → 31/03/16