Evidence based intervention for school-aged children with language impairments Susan Ebbels

Reference List

- Beck, I. L., & McKeown, M.G. (2007) Increasing young, low-income childre's oral vocabulary repertoires through rich and focused instruction. *Elementary school Journal*, 107, 251-271.
- Beck, I. L., & McKeown, M.G. & Kucan, L. (2002) *Bringing Words to Life: Robust Vocabulary Instruction*. New York, NY: Guildford.
- Beitchman, J. H., Wilson, B., Brownlie, E. B., Walters, H. & Lancee, W. 1996. Long-term consistency in speech/language profiles: 1. developmental and academic outcomes. Journal of the American Academy of Child and Adolescent Psychiatry, 35, 804-814.
- Best, W. (2005). Investigation of a new intervention for children with word-finding problems. *International Journal of Language & Communication Disorders*, 40, 279-318.
- Best, W., et al. "Intervening to alleviate word-finding difficulties in children: Case series data and a computational modelling foundation." Cognitive neuropsychology 32.3-4 (2015): 133-168.
- Best, W., Hughes, L. M., Masterson, J., Thomas, M., Fedor, A., Roncoli, S., Fern-Pollak, L., Shepherd, D.-L., Howard, D., Shobbrook, K. & Kapikian, A. 2017. Intervention for children with word-finding difficulties: a parallel group randomised control trial. *International Journal of Speech-Language Pathology*, 1-12.
- Bishop, D. V. M. & Edmundson, A. 1987. Specific Language Impairment As A Maturational Lag Evidence from Longitudinal Data on Language and Motor Development. Developmental Medicine and Child Neurology, 29, 442-459.
- Bishop, D.V.M., Adams, C.V., & Rosen, S. 2006. Resistance of grammatical impairment to computerized comprehension training in children specific and non-specific language impairments. *International Journal of Language & Communication Disorders*, 41, (1) 19-40
- Bishop, D. V. M. 2006. What Causes Specific Language Impairment in Children? *Current Directions in Psychological Science*, 15, 217-221
- Bishop, D. V. M., Snowling, M. J., Thompson, P. A., Greenhalgh, T. & Consortium, C. 2016. CATALISE: A Multinational and Multidisciplinary Delphi Consensus Study. Identifying Language Impairments in Children. PLoS ONE, 11, e0158753.
- Bolderson, S., Dosanjh, C., Milligan, C., Pring, T., & Chiat, S. (2011). Colourful semantics: A clinical investigation. *Child Language Teaching & Therapy*, 27, 344-353.

- Bowyer-Crane, C., Snowling, M.J., Duff, F.J., Fieldsend, E., Carroll, J.M., Miles, J., Gotz, K., & Hulme, C. 2008. Improving early language and literacy skills: differential effects of an oral language versus a phonology with reading intervention. *Journal of Child Psychology and Psychiatry*, 49, (4) 422-432
- Boyle, J., McCartney, E., Forbes, J., & O'Hare, A. (2007). A randomised controlled trial and economic evaluation of direct versus indirect and individual versus group modes of speech and language therapy for children with primary language impairment. *Health Technology Assessment*, 11, 1-+.
- Boyle, J. M., McCartney, E., O'Hare, A., & Forbes, J. (2009). Direct versus indirect and individual versus group modes of language therapy for children with primary language impairment: principal outcomes from a randomized controlled trial and economic evaluation. *International Journal of Language & Communication Disorders*, 44, 826-846.
- Bragard, A., Schelstraete, M.A., Snyers, P., & James, D.G.H. 2012. Word-finding intervention for children with specific language impairment: a multiple single-case study. *Language, speech, and hearing services in schools*, 43, (2) 222-234
- Bryan, A. (1997). Colourful Semantics. In S.Chiat, J. Law, & J. Marshall (Eds.), *Language disorders in children and adults: psycholinguistic approaches to therapy*. London: Whurr.
- Cain, K., Lemmon, K., & Oakhill, J. (2004). Individual Differences in the Inference of Word Meanings from Context: The Influence of Reading Comprehension, Vocabulary Knowledge and Memory Capacity. Journal of Educational Psychology, 96(4), 671-681.
- Calder, C; Classen, M; Leitao, S. (in press). Combining implicit and explicit intervention approaches to target grammar in young children with Developmental Language Disorder. *Child Language Teaching and Therapy*.
- Camarata, S. M. & Nelson, K. E. (1992). Treatment Efficiency As A Function of Target Selection in the Remediation of Child Language Disorders. *Clinical Linguistics & Phonetics*, *6*, 167-178.
- Camarata, S. M., Nelson, K. E., & Camarata, M. N. (1994). Comparison of Conversational-Recasting and Imitative Procedures for Training Grammatical Structures in Children with Specific Language Impairment. *Journal of Speech and Hearing Research*, *37*, 1414-1423.
- Clarke, P.J., Snowling, M.J., Truelove, E., & Hulme, C. 2010. Ameliorating Children's Reading-Comprehension Difficulties: A Randomized Controlled Trial. *Psychological Science*, 21, (8) 1106-1116
- Cleave, P.L., Becker, S.D., Curran, M.K., Van Horne, A.J.O. and Fey, M.E., 2015. The efficacy of recasts in language intervention: A systematic review and meta-analysis. American Journal of Speech-Language Pathology, 24(2), pp.237-255.
- Cohen, W., Hodson, A., O'Hare, A., Boyle, J., Durrani, T., McCartney, E., Mattey, M., Naftalin, L., & Watson, J. (2005). Effects of computer-based intervention

- using acoustically modified speech (Fast ForWord-Language) in severe mixed receptive-expressive language impairment: outcomes from a randomized control trial. *Journal of Speech Language and Hearing Research*, 48, 715-729.
- Conti-Ramsden, G., Durkin, K., Simkin, Z. & Knox, E. 2009. Specific language impairment and school outcomes. I: Identifying and explaining variability at the end of compulsory education. *International Journal of Language & Communication Disorders*, 44, 15-35.
- Courtwright, J. A. & Courtwright, I. C. (1976). Imitative modelling as a theoretical base for instructing language-disordered children. *Journal of Speech and Hearing Research*, 19, 651-654.
- Courtwright, J. A. & Courtwright, I. C. (1979). Imitative modeling as a language intervention strategy: the effects of two mediating variables. *Journal of Speech and Hearing Research*, 22, 366-388.
- Davies, P., Shanks, B., & Davies, K. 2004. Improving narrative skills in young children with delayed language development. Educational Review 56, 271-286.
- Dickson, K., Marshall, M., Boyle, J., McCartney, E., O'Hare, A., & Forbes, J. (2009). Cost analysis of direct versus indirect and individual versus group modes of manual-based speech-and-language therapy for primary school-age children with primary language impairment. *International Journal of Language & Communication Disorders*, 44, 369-381.
- Dockrell, J. E., Stuart, M., & King, D. (2010). Supporting early oral language skills for English language learners in inner city preschool provision. British Journal of Educational Psychology, 80(4), 497-515.
- Dockrell, J. E., Lindsay, G. & Palikara, O. 2011. Explaining the academic achievement at school leaving for pupils with a history of language impairment: what else do we need to know? *Child Language Teaching and Therapy*, 27, 223-237.
- Eadie, P., Nguyen, C., Carlin, J., Bavin, E., Bretherton, L. & Reilly, S. 2014. Stability of language performance at 4 and 5 years: measurement and participant variability. *International Journal of Language & Communication Disorders*, 49, 215-227
- Ebbels S.H., McCartney E, Slonims V, Dockrell JE, Norbury C. (2017) Evidence based pathways to intervention for children with language disorders. PeerJ Preprints5:e2951v1, https://peerj.com/preprints/2951v1/
- Ebbels, S. H. (2017). Intervention research: Appraising study designs, interpreting findings and creating research in clinical practice. *International Journal of Speech-Language Pathology*, 19, 218-231.
- Ebbels, S. H. (2014). Effectiveness of intervention for grammar in school-aged children with primary language impairments: A review of the evidence. *Child Language Teaching and Therapy*, *30*, 7-40.

- Ebbels, S., Wright, L., Brockbank, S., Godfrey, C., Harris, C., Leniston, H., Neary, K., Nicoll, H., Nicoll, L., Scott, J. & Marić, N. 2017. Effectiveness of 1:1 speech and language therapy for older children with developmental language impairments. International Journal of Language & Communication Disorders. 52: 528–539.
- Ebbels, S. H., Maric, N., Murphy, A., & Turner, G. (2014). Improving comprehension in adolescents with severe receptive language impairments: a randomised control trial of intervention for coordinating conjunctions. *International Journal of Language & Communication Disorders*, 49, 30-48.
- Ebbels, S. H. (2007). Teaching grammar to school-aged children with Specific Language Impairment using Shape Coding. *Child Language Teaching and Therapy*, 23, 67-93.
- Ebbels, S.H., Nicoll, H., Clark, B., Eachus, B., Gallagher, A.L., Horniman, K., Jennings, M., McEvoy, K., Nimmo, L., & Turner, G. (2012). Effectiveness of semantic therapy for word-finding difficulties in pupils with persistent language impairments: a randomized control trial. *International Journal of Language & Communication Disorders*, 47, (1) 35-51
- Ebbels, S. & van der Lely, H. 2001. Meta-syntactic therapy using visual coding for children with severe persistent SLI. *International Journal of Language & Communication Disorders*, 36, (supplement) 345-350
- Ebbels, S. H., van der Lely, H. K. J., & Dockrell, J. E. (2007). Intervention for verb argument structure in children with persistent SLI: a randomized control trial. *Journal of Speech Language and Hearing Research*, *50*, 1330-1349.
- Ebert, K. D., Kohnert, K., Pham, G., Rentmeester Disher, J. & Payesteh, B. (2014). Three treatments for bilingual children with primary language impairment: examining cross-linguistic and cross-domain effects. *Journal of Speech, Language and Hearing Research*, *57*, 172-186.
- Ellis Weismer, S., & Hesketh, L. J. (1996). Lexical learning by children with Specific Language Impairment: Effects of linguistic input presented at varying speaking rates. Journal of Speech and Hearing Research, 39, 177-190.
- Fey, M. E., Cleave, P., Long, S. H., & Hughes, D. L. (1993). Two Approaches to the Facilitation of Grammar in Children with Language Impairment: An Experimental Evaluation. *Journal of Speech and Hearing Research*, *36*, 141-157.
- Fey, M. E., Cleave, P. L., & Long, S. H. (1997). Two models of grammar facilitation in children with language impairments: phase 2. *Journal of Speech Language and Hearing Research*, 40, 5-19.
- Fey, M.E., Finestack, L.H., Gajewski, B.J., Popescu, M., & Lewine, J.D. 2010. A Preliminary Evaluation of Fast ForWord-Language as an Adjuvant Treatment in Language Intervention. *Journal of Speech Language and Hearing Research*, 53, (2) 430-449

- Fey, M. E. & Loeb, D. F. (2002). An evaluation of the facilitative effects of inverted yes-no questions on the acquisition of auxiliary verbs. *Journal of Speech Language and Hearing Research*, 45, 160-174.
- Finestack, L. H. & Fey, M. E. (2009). Evaluation of a Deductive Procedure to Teach Grammatical Inflections to Children With Language Impairment. *American Journal of Speech-Language Pathology*, *18*, 289-302.
- Fricke, S., Bowyer-Crane, C. A., Haley, A. J., Hulme, C., & Snowling, M. (2013). Efficacy of language intervention in the early years. *Journal of Child Psychology and Psychiatry*, *54*, 280-290.
- Fricke, S., Burgoyne, K., Bowyer-Crane, C., Kyriacou, M., Zosimidou, A., Maxwell, L., Lervåg, A., Snowling, M. J. & Hulme, C. 2017. The efficacy of early language intervention in mainstream school settings: a randomized controlled trial. *Journal of Child Psychology and Psychiatry*, 58, 1141-1151.
- Friel-Patti, S., DesBarres, K., & Thibodeau, L. (2001). Case studies of children using Fast ForWord. *American Journal of Speech-Language Pathology*, 10, 203-215.
- German, D. J. (2002). A phonologically based strategy to improve word-finding abilities in children. *Communication Disorders Quarterly*, 23, 117-190.
- Gillam, R. B., Crofford, J. A., Gale, M. A., & Hoffman, L. M. (2001). Language change following computer-assisted language instruction with Fast ForWord or Laureate Learning Systems software. *American Journal of Speech-Language Pathology*, 10, 231-247.
- Gillam, R.B., Loeb, D.F., Hoffman, L.M., Bohman, T., Champlin, C.A., Thibodeau, L., Widen, J., Brandel, J., & Friel-Patti, S. 2008. The efficacy of Fast ForWord Language Intervention in school-age children with language impairment: A Randomized controlled trial. Journal of Speech Language and Hearing Research, 51, (1) 97-119
- Gillam, S.L., Gillam, R.B., & Reece, K. 2012. Language outcomes of contextualized and decontextualised language intervention: results of an early efficacy study. Language Speech and Hearing Services in Schools, 43, 276-291
- Gillam, S. L., Olszewski, A., Fargo, J. & Gillam, R. B. 2014. Classroom-Based Narrative and Vocabulary Instruction: Results of an Early-Stage, Nonrandomized Comparison Study. Language Speech and Hearing Services in Schools, 45, 204-219.
- Girolametto, L., Weitzman, E. & Greenberg, J. 2003. Training Day Care Staff to Facilitate Children's Language. American Journal of Speech-Language Pathology, 12, 299-311.
- Good, J.E., Lance, D.M. and Rainey, J., 2015. The effects of morphological awareness training on reading, spelling, and vocabulary skills. Communication Disorders Quarterly, 36(3), pp.142-151.

- Guendouzi, J. (2003). 'SLI', a generic category of language impairment that emerges from specific differences: A case study of two individual linguistic profiles. *Clinical Linguistics & Phonetics*, 17, 135-152.
- Gray, S. (2005). Word learning by preschoolers with specific language impairment: Effect of phonological or semantic cues. Journal of Speech Language and Hearing Research, 48(6), 1452-1467.
- Hadley, P. A., Simmerman, A., Long, M. & Luna, M. 2000. Facilitating language development for inner-city children: experimental evaluation of a collaborative, classroom-based intervention. *Language Speech and Hearing Services in Schools*, 31, 280-295
- Hagen, Å. M., Melby-Lervåg, M. & Lervåg, A. 2017. Improving language comprehension in preschool children with language difficulties: a cluster randomized trial. Journal of Child Psychology and Psychiatry, 58, 1132-1140.
- Haley, A., Hulme, C., Bowyer Crane, C., Snowling, M. & Fricke, S. 2017. Oral language skills intervention in pre-school a cautionary tale. International Journal of Language & Communication Disorders, 52, 71-79.
- Hayward, D. & Schneider, P. 2000. Effectiveness of teaching story grammar knowledge to pre-school childrne with language impairment. An exploratory study. Child Language Teaching & Therapy 16, 255-284. Hegde, M. N. & Gierut, J. (1979). The operant training and generalisation of pronouns and a verb form in a language delayed child. *Journal of Communication Disorders*, 12, 23-34.
- Hsu, H.J. & Bishop, D. V. M. (2014). Training understanding of reversible sentences: a study comparing language-impaired children with age-matched and grammar-matched controls. *PeerJ*, *2*, e656, doi:10.7717/peerj.656
- Hutchinson, J. & Clegg, J. 2011. Education practitioner-led intervention to facilitate language learning in young children: An effectiveness study. *Child Language Teaching & Therapy*, 27, (2) 151-164
- Joffe VL (2006) Enhancing language and communication in language-impaired secondary school-aged children. In: Clegg J, Ginsborg J (eds) Language and social disadvantage: Theory into practice. Chichester: Wiley, pp. 207–16
- Johnson, C. J., Beitchman, J. H. & Brownlie, E. B. 2010. Twenty-Year Follow-Up of Children With and Without Speech-Language Impairments: Family, Educational, Occupational, and Quality of Life Outcomes. *American Journal of Speech-Language Pathology*, 19, 51-65
- Justice. L.M., Schmitt, M.B., Murphy, K.A., Pratt, A. & Biancone, T.. (2014) The 'robustness' of vocabulary intervention in the public schools: targets and techniques employed in speech–language therapy *International Journal of Language & Communication Disorders*, 49, 288–303
- Justice, L. M., McGinty, A. S., Cabell, S. Q., Kilday, C. R., Knighton, K., & Huffman, G. (2010). Language and Literacy Curriculum Supplement for Preschoolers

- Who Are Academically At Risk: A Feasibility Study. Language, Speech, and Hearing Services in Schools, 41(2), 161-178. doi:10.1044/0161-1461(2009/08-0058)
- Katz, Lauren A., and Joanne F. Carlisle. "Teaching students with reading difficulties to be close readers: A feasibility study." Language, Speech, and Hearing Services in Schools 40.3 (2009): 325-340.Klecan-Aker, J., Flahive, L. K., & Fleming, S. 1997. Teaching storytelling to a group of children with learning disabilities: a look at treatment outcomes. *Contemporary issues in communication science and disorders* 24, 23-32.
- Kulkarni, A., Pring, T., & Ebbels, S. (2014) Evaluating the effectiveness of Shape Coding therapy to develop the use of regular past tense morphemes in two children with language impairments. *Child Language Teaching and Therapy*, *30*, 245-254.
- Landry, S. H., Swank, P. R., Anthony, J. L., & Assel, M. A. (2011). An experimental study evaluating professional development activities within a state funded pre-kindergarten program. Reading and Writing, 24(8), 971-1010.
- Lee, W. & Pring, T. 2016. Supporting language in schools: Evaluating an intervention for children with delayed language in the early school years. Child Language Teaching and Therapy, 32, 135-146. Leonard, L. B. (1975). Developmental considerations in the management of language disabled children. *Journal of Learning Disabilities*, 8, 44-49.
- Leonard, L. B. (1975). Developmental considerations in the management of language disabled children. Journal of Learning Disabilities, 8(4), 44-49.
- Letts, C., Edwards, S., Sinka, I., Schaefer, B. & Gibbons, W. 2013. Socio-economic status and language acquisition: children's performance on the new Reynell Developmental Language Scales. *International Journal of Language & Communication Disorders*, 48, 131-143.
- Loeb, D. F., Stoke, C., & Fey, M. E. (2001). Language changes associated with Fast ForWord-Language: evidence from case studies. *American Journal of Speech-Language Pathology, 10,* 216-230.
- Matheny, N. & Panagos, J. M. (1978). Comparing the Effects of Articulation and Syntax Programs on Syntax and Articulation Improvement. *Language Speech and Hearing Services in Schools*, *9*, 50-56.
- McCartney, E., Boyle, J., Ellis, S., Bannatyne, S., & Turnbull, M. (2011). Indirect language therapy for children with persistent language impairment in mainstream primary schools: outcomes from a cohort intervention. *International Journal of Language & Communication Disorders*, 46, 74-82.
- McGregor, K. K. (1994). Use of Phonological Information in A Word-Finding Treatment for Children. *Journal of Speech and Hearing Research*, *37*, 1381-1393.
- McKean, C., Wraith, D., Eadie, P., Cook, F., Mensah, F. & Reilly, S. 2017. Subgroups in language trajectories from 4 to 11 years: the nature and predictors of

- stable, improving and decreasing language trajectory groups. *Journal of Child Psychology and Psychiatry*, 58, 1081-1091.
- Mckeown, M. G., Beck, I. L., Omanson, R. C., & Pople, M. T. (1985). Some Effects of the Nature and Frequency of Vocabulary Instruction on the Knowledge and Use of Words. Reading Research Quarterly, 20(5), 522-535.
- Mecrow, C., Beckwith, J., & Klee, T. (2010). An exploratory trial of the effectiveness of an enhanced consultative approach to delivering speech and language intervention in schools. *International Journal of Language & Communication Disorders*, 45, 354-367.
- Meyers-Denman, C. N., & Plante, E. (2016). Dose Schedule and Enhanced Conversational Recast Treatment for Children With Specific Language Impairment. Language, Speech, and Hearing Services in Schools, 47(4), 334-346.
- Morel, L. (2013). Effectiveness of vocabulary intervention for primary and secondary age children MSc Dissertation for City University.
- Motsch, H. J. & Riehemann, S. (2008). Effects of 'Context-Optimization' on the acquisition of grammatical case in children with specific language impairment: an experimental evaluation in the classroom. *International Journal of Language & Communication Disorders*, 43, 683-698.
- Mulac, A. & Tomlinson, C. N. (1977). Generalization of an operant remediation program for syntax with language delayed children. *Journal of Communication Disorders*, 10, 231-243.
- Munro, N., Lee, K., & Baker, E. (2008). Building vocabulary knowledge and phonological awareness skills in children with specific language impairment through hybrid language intervention: a feasibility study. *International Journal of Language & Communication Disorders*, 43, 662-682.
- Murphy, A., Franklin, S., Breen, A., Hanlon, M., McNamara, A., Bogue, A. and James, E., 2017. A whole class teaching approach to improve the vocabulary skills of adolescents attending mainstream secondary school, in areas of socioeconomic disadvantage. Child Language Teaching and Therapy, 33(2), 129-144.
- Nelson, K. E., Camarata, S. M., Welsh, J., Butkovsky, L., & Camarata, M. (1996). Effects of imitative and conversational recasting treatment on the acquisition of grammar in children with specific language impairment and younger language-normal children. *Journal of Speech and Hearing Research*, *39*, 850-859.
- Neuman, S. B., Newman, E. H., & Dwyer, J. (2011). Educational effects of a vocabulary intervention on preschoolers' word knowledge and conceptual development: A cluster-randomized trial. Reading Research Quarterly, 46(3), 249-272.
- Norbury, C. F., Vamvakas, G., Gooch, D., Baird, G., Charman, T., Simonoff, E. & Pickles, A. 2017. Language growth in children with heterogeneous language

- disorders: a population study. Journal of Child Psychology and Psychiatry, 58, 1092-1105.
- Oliver, B., Dale, P. S. & Plomin, R. 2004. Verbal and nonverbal predictors of early language problems: An analysis of twins in early childhood back to infancy. *Journal of child language*, 31, 609-631.
- Parsons, S., Law, J., & Gascoigne, M. (2005). Teaching receptive vocabulary to children with specific language impairment: a curriculum-based approach. *Child Language Teaching and Therapy*, 21, 39-59.
- Petersen, D.R., Gillam, S.L., & Gillam, R.R. 2008. Emerging procedures in narrative assessment The index of narrative complexity. Topics in Language Disorders, 28, (2) 115-130
- Petersen, D.B., Gillam, S.L., Spencer, T., & Gillam, R.B. 2010. The Effects of Literate Narrative Intervention on Children With Neurologically Based Language Impairments: An Early Stage Study. Journal of Speech Language and Hearing Research, 53, (4) 961-981
- Piasta, S. B., Justice, L. M., Cabell, S. Q., Wiggins, A. K., Turnbull, K. P., & Curenton, S. M. (2012). Impact of professional development on preschool teachers' conversational responsivity and children's linguistic productivity and complexity. Early Childhood Research Quarterly, 27(3), 387-400.
- Pickles, A., Anderson, D. K. & Lord, C. 2014. Heterogeneity and plasticity in the development of language: a 17- year follow- up of children referred early for possible autism. *Journal of Child Psychology and Psychiatry*, 55, 1354-1362
- Reilly, S., Wake, M., Ukoumunne, O. C., Bavin, E., Prior, M., Cini, E., Conway, L., Eadie, P. & Bretherton, L. 2010. Predicting language outcomes at 4 years of age: findings from Early Language in Victoria Study. Pediatrics, 126, e1530-e1537.
- Rescorla, L. 2011. Late talkers: do good predictors of outcome exist? Developmental Disabilities Research Reviews, 17, 141-150.
- Riches, N., Tomasello, M., & Conti-Ramsden, G. (2005). Verb learning in children with SLI: frequency and spacing effects. Journal of Speech Language and Hearing Research, 48, 1397-1411.
- Sibieta, L., Kotecha, M. & Skipp, A. 2016. Nuffield Early Language Intervention. Evaluation report and executive summary. London: Education Endowment Foundation.
- Smith, C., Williams, E. & Bryan, K. 2017. A systematic scoping review of speech and language therapists' public health practice for early language development. *International Journal of Language & Communication Disorders*, 52, 407-425.
- Smith-Lock, K., Leitao, S., Lambert, L., Prior, P., Dunn, A., Cronje, J. et al. (2013). Daily or weekly? The role of treatment frequency in the effectiveness of

- grammar treatment for children with specific language impairment. *International Journal of Speech-Language Pathology*, 15, 255-267.
- Smith-Lock, K. M., Leitao, S., Lambert, L., & Nickels, L. (2013). Effective intervention for expressive grammar in children with specific language impairment. *International Journal of Language & Communication Disorders*, 48, 265-282.
- Smith-Lock, K. M., Leitao, S., Prior, P., & Nickels, L. (2015). The effectivness of two grammar treatment procedures for children with SLI: a randomized clinical trial. *Language, Speech and Hearing Services in Schools*, 26, 312-24.
- Snow, P. C., Eadie, P. A., Connell, J., Dalheim, B., Mccusker, H. J. & Munro, J. K. 2014. Oral language supports early literacy: A pilot cluster randomized trial in disadvantaged schools. *International Journal of Speech-Language Pathology*, 16, 495-506.
- Snowling, M. J., Adams, J. W., Bishop, D. V. M. & Stothard, S. E. 2001. Educational attainments of school leavers with a preschool history of speech-language impairments. *International Journal of Language & Communication Disorders*, 36, 173-183
- Spencer, S., Clegg, J., Lowe, H., & Stackhouse, J. (2017). Increasing adolescents' depth of understanding of cross-curriculum words: an intervention study. *International Journal of Language & Communication Disorders*, doi:10.1111/1460-6984.12309
- Spooner, L. (2002). Addressing expressive language disorder in children who also have severe receptive language disorder: A psycholinguistic approach. *Child Language Teaching and Therapy*, 18, 289-313.
- St John, P. and Vance, M., 2014. Evaluation of a principled approach to vocabulary learning in mainstream classes. Child Language Teaching and Therapy, p.0265659013516474.
- Starling, J., Munro, N., Togher, L., & Arciuli, J. 2012. Training secondary school teachers in instructional language modification techniques to support adolescents with language impairment: a randomized controlled trial. *Language*, *speech*, *and hearing services in schools*, 43, (4) 474-495
- Stothard, S. E., Snowling, M., Bishop, D. V. M., Chipchase, B. B. & Kaplan, C. A. 1998. Language-impaired preschoolers: a follow-up into adolescence. *Journal of Speech Language and Hearing Research*, 41, 407-418.
- Strong, G. K., Torgerson, C. J., Torgerson, D., & Hulme, C. (2011). A systematic meta-analytic review of evidence for the effectiveness of the 'Fast ForWord' language intervention program. *Journal of Child Psychology and Psychiatry*, *52*, 224-235.
- Swanson, L. A., Fey, M. E., Mills, C. E., & Hood, L. S. (2005). Use of narrative-based language intervention with children who have specific language impairment. American Journal of Speech-Language Pathology, 14(2), 131-143.

- Swisher, L., Restrepo, M. A., Plante, E., & Lowell, S. (1995). Effect of Implicit and Explicit Rule Presentation on Bound- Morpheme Generalization in Specific Language Impairment. *Journal of Speech and Hearing Research*, *38*, 168-173.
- Tallal, P. (2000). Experimental Studies of Language Learning Impairments: From Research to Remediation. In D.V.M.Bishop & L. Leonard (Eds.), *Speech and Language Impairments in Children: Causes, Characteristics, Intervention and Outcome.* pp. 131-155). Hove, UK: Psychology Press.
- Tallal, P., Merzenich, M. M., Miller, S., & Jenkins, W. (1998). Language Learning Impairments: Integrating Basic Science, Technology, and Remediation. *Experimental Brain Research*, 123, 210-219.
- Tallal, P., Miller, S. L., Bedi, G., Byma, G., Wang, X. Q., Nagarajan, S. S., Schreiner, C., Jenkins, W. M., & Merzenich, M. M. (1996). Language comprehension in language-learning impaired children improved with acoustically modified speech. *Science*, *271*, 81-84.
- Tallal, P., Stark, R. E., & Mellits, D. (1985). The Relationship Between Auditory Temporal Analysis and Receptive Language-Development Evidence from Studies of Developmental Language Disorder. *Neuropsychologia*, 23, 527-534.
- Thordardottir, E., Cloutier, G., Ménard, S., Pelland-Blais, E. and Rvachew, S., 2015. Monolingual or bilingual intervention for primary language impairment? A randomized control trial. Journal of Speech, Language, and Hearing Research, 58(2), pp.287-300.
- Throneburg, R. N., Calvert, L. K., Sturm, J. J., Paramboukas, A. A., & Paul, P. J. (2000). A comparison of service delivery models: effects on curricular vocabulary skills in the school setting. *American Journal of Speech-Language Pathology*, *9*, 10-20.
- To, C.K., Lui, H.M., Li, X.X. and Lam, G.Y., 2015. A Randomized Controlled Trial of Two Syntactic Treatment Procedures With Cantonese-Speaking, School-Age Children With Language Disorders. Journal of Speech, Language, and Hearing Research, 58(4), pp.1258-1272.
- Tomblin, J. B., Zhang, X., Buckwalter, P. & O'brien, M. 2003. The stability of primary language disorder: Four years after kindergarten diagnosis. *Journal of Speech Language and Hearing Research*, 46, 1283-1296.
- Tyler, A. A., Lewis, K. E., Haskill, A., & Tolbert, L. C. (2002). Efficacy and cross-domain effects of a morphosyntax and a phonology intervention. *Language Speech and Hearing Services in Schools*, *33*, 52-66.
- Tyler, A., Lewis, K. E., Haskill, A., & Tolbert, L. C. (2003). Outcomes of different speech and language goal attack strategies. *Journal of Speech Language and Hearing Research*, 46, 1077-1094.
- Visser-Bochane, M. I., Gerrits, E., van der Schans, C. P., Reijneveld, S. A., & Luinge, M. R. (2017). Atypical speech and language development: a consensus study

- on clinical signs in the Netherlands. International Journal of Language & Communication Disorders, 52(1), 10-20. doi:10.1111/1460-6984.12251
- Wake, M., Tobin, S., Girolametto, L., Ukoumunne, O. C., Gold, L., Levickis, P., Sheehan, J., Goldfeld, S. & Reilly, S. 2011. Outcomes of population based language promotion for slow to talk toddlers at ages 2 and 3 years: Let's Learn Language cluster randomised controlled trial. Bmj, 343, d4741.
- Wake, M., Tobin, S., Levickis, P., Gold, L., Ukoumunne, O. C., Zens, N., Goldfeld, S., Le, H., Law, J. & Reilly, S. 2013. Randomized trial of a population-based, home-delivered intervention for preschool language delay. Pediatrics, 132, e895-e904.
- Wake, M., Levickis, P., Tobin, S., Gold, L., Ukoumunne, O. C., Goldfeld, S., Zens, N., Le, H. N. D., Law, J. & Reilly, S. 2015. Two-Year Outcomes of a Population-Based Intervention for Preschool Language Delay: An RCT. Pediatrics.
- Wellington, W. & Stackhouse, J. 2011. Using visual support for language and learning in children with SLCN: A training programme for teachers and teaching assistants. Child Language Teaching and Therapy, 27, 183-201.
- Whitehouse, A. J., Watt, H. J., Line, E. & Bishop, D. V. 2009. Adult psychosocial outcomes of children with specific language impairment, pragmatic language impairment and autism. *International Journal of Language & Communication Disorders*, 44, 511-528
- Wilcox, J. M., & Leonard, L. B. (1978). Experimental acquisition of Wh-Questions in language-disordered children. Journal of Speech and Hearing Research, 21, 220-239.
- Wilson, J., Aldersley, A., Dobson, C., Edgar, S., Harding, C., Luckins, J. et al. (2015) The effectiveness of semantic therapy for the word finding difficulties of children with severe and complex speech, language and communication needs. *Child Language Teaching and Therapy*, *31*, 7-17.
- Wing, C. S. (1990). A preliminary investigation of generalization to untrained words following two treatments of children's word finding problems. *Language*, *Speech and Hearing in Schools*, *21*, 151-156.
- Wright, L., Pring, T. & Ebbels, S.H (in press) Effectiveness of vocabulary intervention for older children with (developmental) language disorder. *International Journal of Language & Communication Disorders*
- Wright, S. H. (1993). Teaching word-finding strategies to severely language-impaired children. *European Journal of Disorders of Communication*, 28, 165-175.
- Wright, S. H., Gorrie, B., Haynes, C., & Shipman, A. (1993). What's in a name? Comparative therapy for word-finding difficulties using semantic and phonological approaches. *Child Language Teaching and Therapy*, *9*, 214-229.

Zambrana, I. M., Pons, F., Eadie, P. & Ystrom, E. 2014. Trajectories of language delay from age 3 to 5: persistence, recovery and late onset. *International Journal of Language & Communication Disorders*, 49, 304-316

Zens, N. K., Gillon, G. T., & Moran, C. (2009). Effects of phonological awareness and semantic intervention on word-learning in children with SLI. International Journal of Speech-Language Pathology, 11(6), 509-524.

Zwitserlood, R., Wijnen, F., van Weerdenburg, M., & Verhoeven, L. (in press) 'MetaTaal': enhancing complex syntax in children with specific language impairment—a metalinguistic and multimodal approach. *International Journal of Language & Communication Disorders*