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RESEARCH AREAS

Neurogenic communication disorders: Aphasia, Dementia, Aging, Speech-language disorders
Language assessment, Neuropsychological evaluation
Pre-post brain changes after language treatment
Electrophysiological evaluation of sentence processing
Psycholinguistic approach on sentence processing
Crosslinguistic studies of neurogenic communication disorders

CURRENT AFFILIATION AND EDUCATION

2010-PRESENT	Professor Dept. of Communication Disorders, Ewha Womans University, Seoul, Korea
2004-2009	Received Ph.D. Department of Communication Sciences and Disorders University of Pittsburgh, Pittsburgh PA, USA Dissertation: The effects of locality on sentence processing in normal elderly adults and persons with aphasia Committee: Malcolm R. McNeil (Chair); Michael Walsh Dickey; Connie Tompkins; Tessa Warren
2000-2002	M.S. in Speech and Language Pathology, Yonsei University, Seoul, Korea
1995-2000	B.A. in German Language and Literature, Seoul National University, Seoul, Korea

PROFESSIONAL EXPERIENCE

2005-2009	<u>Research Assistant</u> at VA Pittsburgh Medical Center Involved in the projects as below; <ul style="list-style-type: none">• Assessing visual and auditory language processing modalities in aphasia• Cognitive and linguistic mechanisms of language performance in aphasia• Biofeedback treatment of apraxia of speech following stroke• Comparing connected language elicitation procedures in persons with aphasia
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- Developing the Korean version of *Computerized Revised Token Test*
- Standardization of the *Computerized Revised Token Test*
- Getting normative data on Story Retelling Procedure

2003-2004	Internship at Yonsei Medical Center, Yonsei University College of Medicine as a Speech and Language Pathologist
2002-2003	Internship at Samsung Medical Center as a Speech and Language Pathologist

SELECTED PUBLICATIONS

- [1] Seok, S. , Choi, S., Kim, K. M., Choi, J. S., Sung, J. E., & Lim, Y. (2024). Robot-assisted language assessment: Development and evaluation of feasibility and usability. *Intelligent Service Robotics*. DOI: <https://doi.org/10.1007/s11370-023-00505-2>
- [2] Sung, J. E., Choi, S., Kim, G. H., & Jeong, J. H. (2023). Discourse-based verbal working memory training and transfer effects for individuals with an amnesic type of mild cognitive impairment. *International Journal of Speech-Language Pathology*, 1-11.
- [3] Sung, J. E., Jo, E., Choi, S., & Lee, J.. (2023). Coordinating words and sentences: Detecting age-related changes in language production. *Journal of Speech, Language, and Hearing Research*, 67(1), 211-220.
- [4] Shin, J., Noh, S., Park, J., & Sung, J. E. (2023). Syntactic complexity differentially affects auditory sentence comprehension performance for individuals with age-related hearing loss. *Frontiers in Psychology*, 14:1264994.
- [5] An, S., Jo, E., Jun, S. B., & Sung, J. E. (2023). Effects of cochlear implantation on cognitive decline in older adults: A systematic review and meta-analysis. *Heliyon*, 9(9). e19703.
- [6] Kim, J., Lee, J., Jun, S. B., & Sung, J. E. (2023). Pupillometry as a window to detect cognitive aging in the brain. *Biomedical Engineering Letter*, 14, 91-101.
- [7] Jo, E., Choi, S., & Sung, J. E. (2023). Effects of task types and time interval conditions on age-related decline in verbal working memory. *Scandinavian Journal of Psychology*, 64(4), 479-485.
- [8] Yoo, Y. R., Paek, E. J., & Sung, J. E. (2023). Aging-related differences in emotional valence from the verb fluency task depending on the time period. *Communication Sciences and Disorders*, 28(4), 791-804.
- [9] Choi, S., Kim, J. E., & Sung, J. E.(2023). Developing the Korean version of a semantic feature database for semantic feature analysis treatment. *Communication Sciences and Disorders*, 28(3), 505-521.
- [10] Cho, S. J., Sung, J. E., & Lee, J. (2023). Lexical priming effects according to the priming type and word order canonicity on sentence production in persons with aphasia: An eye-

tracking study. *Communication Sciences and Disorders*, 28(2), 287-304.

- [11] Jung, Y. Y., & Sung, J. E. (2023). Differential performance in musical chord and grammaticality judgement tasks in post-stroke aphasia. *Communication Sciences and Disorders*, 28(2), 274-286.
- [12] Park, J., Sung, J. E., & Kim, Y. T. (2023). Linguistic features in the connected speech for primary progressive aphasia: Evidence from a meta-analysis. *Communication Sciences and Disorders*, 28(1), 111-126.
- [13] Shin, J., Kim, J. E., Song, J. S., Cho, J. E., Choi, S., Lee, Y., & Sung, J. E. (2023). Comparisons of online assessment platforms for action naming tests in healthy young and middle-aged adults. *Communication Sciences and Disorders*, 28(1), 97-110.
- [14] Jeong, I. N., Han, J. Y., Choi, J. E., Choi, Y. M., Choi, S., & Sung, J. E. (2023). Improving picture description tasks for Korean seniors. *Journal of Digital Contents Society*, 24(11), 2767-2775
- [15] Park, J., Yoo, Y. R., Lim, Y., & Sung, J. E. (2022). Phonological and semantic strategies in a letter fluency task for people with Alzheimer's disease. *Frontiers in Psychology*, 13:1053272.
- [16] Kim, H. S., & Sung, J. E. (2022). Production abilities of predicative adjectives in Korean-speaking individuals with aphasia. *Journal of Speech-Language & Hearing Disorders*, 31(4), 9-25.
- [17] Park, J., Baik, K., Lee, Y., Kim, Y. T., & Sung, J. E. (2022). Verb recognition abilities in young and older adults as a function of linguistic presentation units. *Communication Sciences & Disorders*, 27(4), 797-812.
- [18] Shin, H. J., Sung, J. E., & Cho, Y. J. (2022). Aging effects on perceptual reading span: Evidence from an eye-tracking study. *Communication Sciences & Disorders*, 27(4), 813-829.
- [19] Song, H. S., Hwang, E. J., Yoo, S. A., Jeon, Y. S., Choi, S. R., Sung, J. E., & Lee, Y. (2022). Efficacy of a daily life based cognitive-linguistic training program: Evidence from randomized controlled trials for healthy middle-aged adults. *Journal of Speech-Language & Hearing Disorders*, 31(3), 91-107.
- [20] Choi, Y., Han, J., Park, J., Lee, S., Choi, J., Sung, J. E., & Choi, S. (2022). Illustration design to derive storytelling for the elderly in South Korea: (Traditional folklore of Heungbu and Nolbu). *Archives of Design Research*, 35(2), 155-164.
- [21] Choi, S., Lee, H., Jo, E., Lim, Y., Choi, Y., Han, J., & Sung, J. E. (2022). Preliminary procedures to develop storytelling based assessment for aging and neurogenic disorders. *Communication Sciences & Disorders*, 27(3), 589-605.
- [22] Kim, S. E., La, E. Y., & Sung, J. E. (2022). Effects of verb network strengthening treatment (VNeST) using telepractice on word retrieval in Korean-speakers with non-fluent aphasia. *Communication Sciences & Disorders*, 27(3), 629-646.

- [23] Kim, J. S., & Sung, J. E. (2022). Treatment efficacy of working memory plus melodic intonation therapy for people with dementia of Alzheimer's type. *Communication Sciences & Disorders*, 27(2), 349-370.
- [24] Kim, Y., Lee, S., Choi, M., Jung, S., Sung, J. E., & Lee, Y. (2022). The effects of speakers' age on temporal features of speech among healthy young, middle-aged, and older adults. *Phonetics and Speech Sciences*, 14(1), 37-47.
- [25] An, H. J., & Sung, J. E. (2022). Age-related differences in word recognition tasks according to visual interference and noun imagery. *Communication Sciences & Disorders*, 27(2), 313-329.
- [26] An, S., Oh, S. J., Jun, S. B., & Sung, J. E. (2022). Aging-related dissociation of spatial and temporal N400 in sentence-level semantic processing: Evidence from source analyses. *Frontiers in Aging Neuroscience*, 14, 1-13.
- [27] Cho, Y. R., Kim, Y., Lee, Y., Kim, S., Yu, J., Sung, J. E., & Lee, Y. (2022). Age-related differences in humor text comprehension and related cognitive factors. *Journal of Speech-Language & Hearing Disorders*, 31(2), 23-37.
- [28] Jeong, E., Kwon, S., Noh, S., Oh, Y., Kim, H. J., Sung, J. E., & Lee, Y. (2022). The effects of emoticons on comprehension of indirect speech acts in SNS contexts in healthy elderly adults. *Journal of Speech-Language & Hearing Disorders*, 31(2), 39-51.
- [29] Oh, S. J., Sung, J. E., & Lee, S. E. (2022). What eye movement reveals concerning age-related dissociation in syntactic prediction: Evidence from a verb-final language. *Journal of Speech-Language & Hearing Research*, 65, 2235-2257.
- [30] Arii, T., Lee, S. J., Yoshida, T., & Sung, J. E. (2022). Effects of age, word order, and sentence types on Japanese sentence comprehension: A replication study of Sung et al. (2017) and Sung (2015) on Korean. *Educational Studies*, 64, 37-49.
- [31] Son, M., Oh, S. J., Kyong, J. S., & Sung, J. E. (2022). Effects of working memory capacity and noise placement on passive sentence processing in elderly adults: An eye-tracking study. *Communication Sciences & Disorders*, 27(1), 158-174.
- [32] Song, S. Y., Oh, S. J., Kyong, J. S., & Sung, J. E. (2022). ERP evidence of working memory capacity and signal-to-noise ratio effects on sentence plausibility tasks in elderly adults. *Communication Sciences & Disorders*, 27(1), 140-157.
- [33] Kim, H., Sung, J. E., & Jeong, J. H. (2022). Non-transcription analysis of connected speech in mild cognitive impairment using an information unit scoring system. *Journal of Neurolinguistics*, 61, 101035.
- [34] Baik, K., Lim, S., Chung, H., Cheon, J., Mo, K., Lee, E., Kim, Y. T., Yim, D., Sung, J. E., & Sim, H. S. (2021). A study on the current status and needs of counseling curriculum in communication disorders in Korea. *Communication Sciences & Disorders*, 26(4), 975-992.
- [35] Kim, S., & Sung, J. E. (2021). Effects of differential presentation of noun types on sentence processing in elderly adults: An eye-tracking study. *Communication Sciences & Disorders*,

26(4), 847-862.

- [36] Choi, S., Jo, E., Sung, J. E., & Jeong J. H. (2021). Differential characteristics of linguistic features for mild cognitive impairment in connected speech analyses. *Special Education Research*, 20(4), 31-53.
- [37] Jo, E., Sung, J. E., & Lee, Y. (2021). A longitudinal analysis of the cognitive function and related factors in older adults using a multilevel growth model. *Communication Sciences & Disorders*, 26(3), 601-615.
- [38] Kim, S. H., & Sung, J. E. (2021). Age-related differences in confrontation naming ability according to visual stimulus valence. *Communication Sciences & Disorders*, 26(3), 616-629.
- [39] Choi, S., Sung, J. E., Jo, E., & Jeong J. H. (2021). Language treatment effects on communicative abilities and working memory in Korean-speaking agrammatic Broca's aphasia caused by moyamoya disease: Phase II evidence from a case study. *Neurocase*, 27(3), 297-307.
- [40] Lee, S. E., Sung, J. E., & Jo, E. (2021). Effects of semantic feature analysis treatment on landmark naming in individuals with subjective memory impairment. *Communication Sciences & Disorders*, 26(1), 428-446.
- [41] Yoo, M. A., Oh, S. H., Kyong, J. S., & Sung, J. E. (2021). Age-related differences in the effects of working memory capacity and cognitive load on word recognition: An eye tracking study. *Communication Sciences & Disorders*, 26(1), 392-412.
- [42] Choi, S., Jo, E., & Sung, J. E. (2021). Preliminary study on the action naming test: Online vs. offline comparisons by presentation type. *Journal of Speech-Language & Hearing Disorders*, 30(2), 87-97.
- [43] Jeon, S., & Sung, J. E. (2021). Idiom processing abilities according to task types in patients with dementia of Alzheimer's type. *Communication Sciences & Disorders*, 26(1), 149-161.
- [44] Kim, G. Y., & Sung, J. E. (2021). Priming effects on verb production as a function of semantic richness in persons with aphasia. *Communication Sciences & Disorders*, 26(1), 137-148.
- [45] Jun, S. B., Ikeda, S. R., Sung, J. E., & Lovinger, D. M. (2021). Ethanol induces persistent potentiation of 5-HT₃ receptor-stimulated GABA release at synapses on rat hippocampal CA1 neurons. *Neuropharmacology*, 1-11.
- [46] Park, C., Lim, Y., Choi, J., & Sung, J. E. (2021). Changes in linguistic behaviors based on smart speaker task performance and pragmatic skills in multiple turn-taking interactions. *Intelligent Service Robotics*, 1-16.
- [47] Choi, S., Lee, H., Lim, Y., Choi, J., & Sung, J. E. (2021). Toward a conversational model for counsel robots: how different question types elicit different linguistic behaviors. *Intelligent Service Robotics*, 1-13.

- [48] Sung, J. E., Ahn, H. K., Choi, S., & Lee, K. (2021). Age and education effects on a novel syntactic assessment battery for elderly adults. *Frontiers in Psychology, 12*, 639866.
- [49] Shin, S. H., & Sung, J. E. (2020). Preference of verb thematic role assignment and verb selection abilities in persons with aphasia. *Communication Sciences & Disorders, 25*(4), 857-871.
- [50] Jung, S. I., Lim, S., Jo, E., Sim, H. S., Sung, J. E., & Kim, Y. T. (2020). The efficacy of telepractice intervention for children & adolescents with speech, language & hearing impairments: a meta-analysis. *Communication Sciences & Disorders, 25*(4), 976-986.
- [51] Park, J., & Sung, J. E. (2020). Case marker assignment abilities as a function of the noun types of thematic roles in aphasia. *Communication Sciences & Disorders, 25*(3), 624-639.
- [52] Youn, J. S., & Sung, J. E. (2020). Age-related differences in production of on canonical syntactic structures as a function of modifiers to noun phrases. *Communication Sciences & Disorders, 25*(3), 609-623.
- [53] Rofes, A., de Aguiar, V., Jonkers, R., Oh, S. J., DeDe, G., & Sung, J. E. (2020). What drives task performance during animal fluency in people with Alzheimer's disease?. *Frontiers in Psychology, 11*, 1485.
- [54] Jang, J. H. & Sung, J. E. (2020). Age-related differences in sentence processing of who-questions: An eye-tracking study. *Communication Sciences & Disorders, 25*(2), 382-398.
- [55] Yoon, H. S., & Sung, J. E. (2020). Effects of verb argument structure and the types of presentation modality on verb production in individuals with aphasia using a verb-final language. *Communication Sciences & Disorders, 25*(2), 399-410.
- [56] Sung, J. E., Choi, S., Eom, B., Yoo, J. K., & Jeong, J. H. (2020). Syntactic complexity as a linguistic marker to differentiate mild cognitive impairment from normal aging. *Journal of Speech, Language, and Hearing Research, 63*, 1416-1429.
- [57] Yoo, S. H., & Sung, J. E. (2020). Effects of syntactic priming on the adjective production in persons with aphasia. *Journal of Speech- Language & Hearing Disorders, 29*(2), 023-034.
- [58] Choi, S., Sung, J. E., & Jeong, J. H. (2020). Differential deficits of nouns and verbs in a generative naming task for individuals with mild cognitive impairment. *Communication Sciences & Disorders, 25*(1), 50-62.
- [59] Shin, M. K., & Sung, J. E. (2020). Syntactic priming effects on active and passive sentence production in persons with aphasia: Evidence from an eye-tracking study. *Communication Sciences & Disorders, 25*(1), 75-91.
- [60] Cheon, J. H., & Sung, J. E. (2019). Differential effects of subject animacy on online sentence processing between younger and elderly adults: Evidence from ERP. *Journal of Rehabilitation Research, 23*(4). 167-194.

- [61] Park, C., Lim, Y., & Sung, J. E. (2019). Machine-learning and corpus-based analyses of Korean nouns from subjects and objects: stimuli development of verb treatment for neurogenic communication disorders. *Communication Sciences & Disorders*, 24(4), 968-985.
- [62] Oh, S. J., Yim, D., & Sung, J. E. (2019). A meta-analysis of the event-related potential during auditory processing in infants with familial risk for dyslexia and its correlation to language abilities. *Communication Sciences & Disorders*, 24(4), 837-851.
- [63] Sung, J. E., Lee, S. H., & Eom, B. (2019). Aging-related differences in the resolution of ambiguity from case marker deletions in a verb-final language. *Communication Sciences & Disorders*, 24(3), 695-706.
- [64] Oh, S. J., Sung, J. E., Choi, S., & Jeong, J. H. (2019). Clustering and switching patterns in semantic fluency and their relationship to working memory in mild cognitive impairment. *Dementia and Neurocognitive Disorders*, 18(2), 47-61.
- [65] Hwang, S. H., & Sung, J. E. (2019). Aged-related differences in the predictability of verb-thematic roles: An eye-tracking study. *Communication Sciences & Disorders*, 24(2), 447-459.
- [66] Khan, A., Sung, J. E., & Kang, J. W. (2019). Multi-channel fusion convolutional neural network to classify syntactic anomaly from language-related ERP components. *Information Fusion*, 52, 53-61.
- [67] Choi, S., & Sung, J. E. (2019). Age-related decline in storage and processing components of working memory: An eye-tracking study. *Communication Sciences & Disorders*, 24(1), 205-219.
- [68] Jo, H. L., & Sung, J. E. (2019). Age-related differences in word recognition task according to the interference types: Evidence from eye-tracking. *Communication Sciences & Disorders*, 24(1), 186-204.
- [69] Lee, Y., Jeong, P. Y., Sung, J. E., & Sim, H. S. (2018). The effects of tongue strength on speech production skills in children with cerebral palsy. *Communication Sciences & Disorders*, 23(4), 1017-1027.
- [70] Kim, J. A., Oh, S. J., Choi, E., Kim, Y. T., & Sung, J. E. (2018). A meta-analysis of eye-tracking studies on text processing in children with reading disabilities. *Communication Sciences & Disorders*, 23(3), 597-608.
- [71] Yoo, H. M., & Sung, J. E. (2018). ERP components associated with syntactic ambiguity and word order canonicity in processing sentence with ditransitive verb between young and elderly adults. *Communication Sciences & Disorders*, 23(3), 660-682.
- [72] Kim, J. A., Oh, S. J., Choi, E. J., Kim, Y. T., & Sung, J. E. (2018). A meta-analysis of eye-tracking studies on text processing in children with reading disabilities. *Communication Sciences & Disorders*, 23(3), 597-608.

- [73] Jeong, K. H., & Sung, J. E. (2018). Verbs and their thematic role processing abilities for people with aphasia. *Communication Sciences & Disorders*, 23(2), 337-346.
- [74] Jo, E. H., & Sung, J. E. (2018). Age-related differences in ERP components associated with processing homonyms depending on the context type of adnominal and verb phrases. *Communication Sciences & Disorders*, 23(2), 360-377.
- [75] Lee, Y., Sung, J. E., & Sim, H. S. (2018). Passive sentence comprehension difficulties and its related factors in children with cochlear implants. *International Journal of Pediatric Otorhinolaryngology*, 109, 60-66.
- [76] Kim, J. I., Sung, J. E., Lee, S. E., & Sim, H. S. (2018). ERP components associated with locality dependency of time references between young and elderly adults. *Communication Sciences & Disorders*, 23(1), 129-145.
- [77] Sung, J. E., Eom, B., & Lee, S. E. (2018). Effects of working memory demands on sentence production in aphasia. *Journal of Neurolinguistics*, in press.
- [78] Kim, J. A., Sung, J. E., & Kim, Y. T. (2018). The relationship between the working memory abilities and discourse abilities of 5- and 6-year-old children. *Journal of Speech-Language & Hearing Disorders*, 27(1), 29-43.
- [79] Kim, S. Y., Sung, J. E., & Yim, D. (2017). Sentence comprehension ability and working memory capacity as a function of syntactic structure and canonicity in 5- and 6-year-old children. *Communication Sciences & Disorders*, 22(4), 645-656.
- [80] Kim, Y. N., & Sung, J. E. (2017). Story retelling analyses as a function of visual cues using information units for persons with aphasia. *Communication Sciences & Disorders*, 22(4), 756-771.
- [81] Kang, J. K., Sung, J. E., & Kim, Y. T. (2017). Rapid automatized naming performance in Korean-speaking children with dyslexia. *Communication Sciences & Disorders*, 22(3), 520-529.
- [82] Sung, J. E. (2017). Age-related decline in case-marker processing and its relation to working memory capacity. *Journals of Gerontology Series B: Psychological Sciences and Social Sciences*, 72(5), 813-820.
- [83] Park, H. Y., Sung, J. E., & Sim, H. S. (2017). Effects of syntactic complexity on sentence production abilities and their relation to working memory for children who stutter. *Communication Sciences & Disorders*, 22(2), 364-378.
- [84] Sung, J. E., Yoo, J. K., Lee, S. E., & Eom, B. (2017). Effects of age, working memory, and word order on passive-sentence comprehension: Evidence from a verb-final language. *International Psychogeriatrics*, 29(6), 939-948.
- [85] Kim, W. J., & Sung, J. E. (2017). Effects of lexicality and regularity on reading aloud performance in aphasia. *Communication Sciences & Disorders*, 22(1), 117-128.
- [86] Oh, S. J., & Sung, J. E. (2017). Age-related differences in ERP components during Korean

- honorific sentence processing depending on listener's social status and predicate agreement. *Communication Sciences & Disorders*, 22(1), 101-116.
- [87] Kim, H. L., & Sung, J. E., (2016). Effects of syntactic complexity on sentence comprehension in the discourse of persons with aphasia. *Communication Sciences & Disorders*, 21(4), 668-682.
- [88] Oh, S. J., Sung, J. E., & Sim, H. S. (2016). Age-related differences in animacy effects as a function of word-order canonicity in a verb-final language: Evidence from ERP. *Communication Sciences & Disorders*, 21(4), 653-667.
- [89] Sung, J. E., DeDe, G., & Lee, S. E. (2016). Cross-linguistic differences in a picture-description task between Korean- and English-speaking individuals with aphasia. *American Journal of Speech-Language Pathology*, 25(4S), S813-S822.
- [90] Eom, B., & Sung, J. E. (2016). The effects of sentence repetition-based working memory treatment on sentence comprehension abilities in individuals with aphasia. *American Journal of Speech-Language Pathology*, 25(4S), S823-S838.
- [91] Sung, J. E. (2016). The effects of verb argument complexity on verb production in persons with aphasia: Evidence from a subject-object-verb language. *Journal of Psycholinguistic Research*, 45(2), 287-305.
- [92] Choi, S., Sung, J.E., Jeong, J. H., & Kim, G. (2016). Effects of working memory treatment using verb-carrier phrases on language processing in persons with mild cognitive impairment. *Communication Sciences & Disorders*, 21(3), 524-537.
- [93] Son, H. J., & Sung, J. E. (2016). The generalization effect of semantic category-based working memory treatment on sentence comprehension and word fluency in individuals with aphasia. *Communication Sciences & Disorders*, 21(1), 174-192.
- [94] Hong, S. M., Kang, J. K., Eom, B., Kim, Y. T., Sung, J. E., Sim, H. S., & Jeong, P. Y. (2016). Meta-analysis of constraint-induced language therapy in aphasia. *Communication Sciences & Disorders*, 21(1), 162-173.
- [95] Tak, H. I., Sung, J. E., Jeong, J. H., & Kim, G. H. (2016). The effect of processing load on semantic and phonological working memory in mild cognitive impairment. *Communication Sciences & Disorders*, 21(2), 295-309.
- [96] Oh, S. J., Eom, B., Park, C., & Sung, J. E. (2016). Treatment efficacy of semantic feature analyses for persons with aphasia: Evidence from meta-analyses. *Communication Sciences & Disorders*, 21(2), 310-323.
- [97] Sung, J. E. (2015). Age-related changes in sentence production abilities and their relation to working-memory capacity: Evidence from a verb-final language. *Plos one*, 10(4), e0119424.
- [98] McNeil, M. R., Pratt, S. R., Szuminsky, N., Sung, J. E., Fossett, T. R., Fassbinder, W., & Lim, K. Y. (2015). Reliability and validity of the computerized Revised Token Test: comparison of reading and listening versions in persons with and without aphasia. *Journal of Speech, Language, and Hearing Research*, 58(2), 311-324.
- [99] Lee, J. S., & Sung, J. E. (2015). The effects of noun-phrase type and parallel function on

- online sentence processing for normal elderly adults. *Communication Sciences & Disorders*, 20(2), 222-236.
- [100] Kang, J. Y., Sung, J. E., & Lee, S. E. (2015). Effects of computerized language intervention on abilities of time-person-place orientation and naming for individuals with dementia of the Alzheimer's type. *Communication Sciences & Disorders*, 20(2), 237-254.
- [101] Mo, K. O., Sung, J. E., & Jeong, J. H. (2015). The effects of semantic feature analysis treatment on naming performance in Korean individuals with early dementia of the Alzheimer's Type: Using a familiarity of nouns scale. *Communication Sciences & Disorders*, 20(1), 34-47.
- [102] Sung, J. E. (2015). Effects of syntactic structure on sentence comprehension ability as a function of the canonicity of word-order and its relation to working memory capacity in Korean-speaking elderly adults. *Communication Sciences & Disorders*, 20(1), 24-33.
- [103] Park, E. J., Sung, J. E., & Sim, H. S. (2014). Age-related changes in category decision-making abilities as a function of typicality and animacy of noun exemplars. *Communication Sciences & Disorders*, 19(4), 523-531.
- [104] Kim, H., Sung, J. E., Kim, J., Park, E. J., Yoon, J. H., Yoo, H. J., & Kim, S. R. (2014). Response time measurements in the iOS app-based Token Test, the Brief Token Test in the elderly. *Geriatrics & Gerontology International*, 14(4), 969-974.
- [105] Lee, Y., Sung, J. E., & Sim, H. S. (2014). Effects of listeners' working memory and noise on speech intelligibility in dysarthria. *Clinical linguistics & phonetics*, 28(10), 785-795.
- [106] Jeong, P. Y., Sung, J. E., & Sim, H. S. (2014). Meta-analysis of cognition-focused intervention for people with mild cognitive impairment and dementia. *Communication Sciences & Disorders*, 19(2), 199-212.
- [107] Sung, J. E., Mo, K. O., Lee, J. S., & Sim, H. S. (2014). Production frequency, semantic typicality, and familiarity of noun exemplars for elderly adults. *Communication Sciences & Disorders*, 19(2), 213-225.
- [108] Sung, J. E., & Kim, H. (2014). Speech and language services in South Korea for individuals with neurogenic communication disorders. *Perspectives on global issues in communication sciences and related disorders*, 4(1), 20-29.
- [109] Han, J. H., Sung, J. E., Sim, H. S., & Lee, Y. (2013). Effects of speaking rate manipulation and the severity of dysarthria on speech intelligibility and acoustic parameters in persons with cerebral palsy. *Journal of speech-language & hearing disorders*, 22(1), 35-54.
- [110] Sung, J. E., Kim, J. H., Jeong, J. H., & Kang, H. (2012). Working memory capacity and its relation to stroop interference and facilitation effects in individuals with mild cognitive impairment. *American Journal of Speech-Language Pathology*, 21(2), S166-S178.
- [111] Lee, Y., Sung, J. E., Park, J., & Sim, H. S. (2011). Effects of listeners experience, severity of speakers articulation, and linguistic cues on speech intelligibility in congenitally deafened adults with cochlear implants. *Phonetics and Speech Sciences* 3(1), 125-13.
- [112] McNeil, M.R., Hula, W.D., & Sung, J. E. (2011). The role of memory and attention in the

language performance of persons with aphasia. In J. Guendouzi, F. Loncke, & M. J. Williams (Eds.), *The Handbook of Psycholinguistic & Cognitive processes: Perspectives in Communication Disorders* (pp. 551-577). New York, NY: Psychology Press.

- [113] Sung, J. E., McNeil, M. R., Pratt, S. R., Dickey, M. W., Fassbinder, W., Szuminsky, N. J., Kim, A., & Doyle, P. J. (2011). Real-time processing in reading sentence comprehension for normal adult individuals and persons with aphasia. *Aphasiology*, 25(1), 57-70.
- [114] Sung, J. E. (2010). Performances on short-term and working memory tasks and their relationships to aphasia severity and auditory comprehension in normal elderly adults and people with aphasia. *Communication Sciences & Disorders*, 15(3), 285-297.
- [115] Sung, J. E., McNeil, M. R., & Pratt, S. R. (2010). Working memory and its relation to auditory comprehension in native and nonnative speakers. *Asia Pacific Journal of Speech, Language and Hearing*, 13(1), 41-50.
- [116] Sung, J. E., McNeil, M. R., Pratt, S. R., Dickey, M. W., Hula, W. D., Szuminsky, N. J., & Doyle, P. J. (2009). Verbal working memory and its relationship to sentence-level reading and listening comprehension in persons with aphasia. *Aphasiology*, 23(7-8), 1040-1052.
- [117] McNeil, M. R., Sung, J. E., Yang, D., Pratt, S. R., Fossett, T. R., Doyle, P. J., & Pavelko, S. (2007). Comparing connected language elicitation procedures in persons with aphasia: Concurrent validation of the Story Retell Procedure. *Aphasiology*, 21(6-8), 775-790.
- [118] Sung, J. E., Kim, H., Kim, H. S., Oh, S. H., Hong, J. M., & Lee, M. S. (2004). Effects of subthalamic nucleus deep brain stimulation on the phonation and articulation of the patients with Parkinson's disease. *Journal of the Korean Neurological Association*, 22(5), 472-477.

AWARDS & FELLOWSHIPS

- 2008** Student Fellowship for the NIDCD-supported Research Symposium in Clinical Aphasiology
- 2008** Student Honoree recognized by University of Pittsburgh in the annual Honors Convocation
- 2007** Student Research Travel Award from the America Speech Language Hearing Association
- 2006** Minority Student Leadership Award from the America Speech Language Hearing Association

OTHERS (PROFESSIONAL EXPERIENCES, CERTIFICATES, LANGUAGES)

- 2003** Certificate of Clinical Competence of Speech and Language Pathologists certified by the Korean Association of Speech and Language Pathologists, Seoul, Korea
 - 1998** Certificate of intermediate level of communication ability in German certified by the Goethe Institute, Munich, Germany
 - 1997** Attended German-language courses in Goethe Institute, Munich, Germany
- Languages** Korean (Native)
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