

HYUNSOO YOO

Communication Science & Disorders
Baylor University
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EDUCATION

The University of Pittsburgh, 2017

Ph.D. in Communication Science & Disorders

RESEARCH INTERESTS

Processing Speed; Sports-Related Concussion; Effects of Cognitive Trainings; Recovery Factors in mTBI and Aphasia; Treatments using Transcranial Magnetic Stimulation in mTBI and Aphasia; Working Memory; Resilience; Aging; Stoke Survivors with/without Aphasia; Brain Stimulation

PROFESSIONAL APPOINTMENT

Postdoctoral Fellow, Department of Rehabilitation Science, University of Texas, Program of Speech-Language Pathology, El Paso, TX 10/1/2017 ~7/31/2019

Assistant Professor, Department of Communication Science and Disorders, Baylor University, Waco, TX 8/1/2019~

TEACHING

2019 Year

Spring 2019 Aphasia-Guest Lecture: Trends in Aphasia Treatment Research at University of Texas at El Paso

Fall 2019 CSD 4358-Speech Science at Baylor University

Fall 2019 CSD 4V87-Applied Research at Baylor University

2020 Year

Spring 2020 CSD 5330-01 Cognitive Communication Disorders

Spring 2020 CSD 5330-02 Cognitive Communication Disorders

Spring 2020 CSD 4V87-Applied Research

Fall 2020 CSD 5330-01 Cognitive Communication Disorders

Fall 2020 CSD 5330-02 Cognitive Communication Disorders

Fall 2020 CSD 4V87-Applied Research

2021 Year

Spring 2021 CSD 5330 Cognitive Communication Disorders (Master level)

Spring 2021 CSD 5318-02 Methods in Graduate Study (Master level)

Spring 2020 CSD 4V87-Applied Research (Undergraduate level)

Fall 2021 CSD 4V87-Applied Research [Maternity Leave: 2021 Fall semester]

2022 Year

Spring 2022 CSD 5330 Cognitive Communication Disorders (Master level)
Spring 2022 CSD 5318-02 Methods in Graduate Study (Master level)
Spring 2022 CSD 4V87-Applied Research (Undergraduate level)

Summer 2022 Independent Study (Doctoral level)
Fall 2022 Mentored Research1 (Doctoral level)

Fall 2022 CSD 5330 Cognitive Communication Disorders (Master level)
Fall 2022 CSD 5318-02 Methods in Graduate Study (Master level)
Fall 2022 CSD 4V87 Honor's Thesis (Undergraduate level)
Fall 2022 HON 3101 Advance Reading & Research Honors (Undergraduate level)

2023 Year

Spring 2023 CSD 5330 Cognitive Communication Disorders (Master level)
Spring 2023 CSD 5318-02 Methods in Graduate Study (Master level)
Spring 2023 CSD 4V87-Honor's Thesis (Undergraduate level)
Spring 2023 Mentored Teaching1 (Doctoral level)

PUBLICATIONS

Yoo, H. & Ko, D. (2008) The Comparison of Pitch Production Between Children with Cochlea Implants and Normal Hearing Children (*Speech Science, 15 (1): 86-97*)

Dickey, MW. & **Yoo, H.** (2010) Predicting outcomes for linguistically-specific sentence treatment protocols (*Aphasiology, 24 (6-8): 787-801*)

Yoo, H. & Dickey, MW. (2017) Aging Effects and Working Memory in Garden-Path Recovery (*Clinical Archives of Communication Disorders, 2(2): 91-102*).

H. Yoo & A. Salvatore (2018). Effects of Playing Positions on Memory and Auditory Comprehension in High School Football Players with a mild concussion. (*Clinical Archives of Communication Disorders, 3(3): 213-220*).

H. Yoo & MR. McNeil (2019). Story Retelling and Verbal Working Memory in People with Aphasia. *Clinical Archives of Communication Disorders, 4(3): 223-235*.
doi.org/10.21849/cacd.2019.00157

BC. Stark, M. Dutta, LL. Murray, L. Bryant, D. Fromm, B. MacWhinney, AE. Ramage, A. Roberts, D Ouden, K. McKinney-Bock, EJ Paek, TG, Harmon, SO, Yoon, C. Themistocleous, **H. Yoo**, K. Aveni, S. Gutierrez, S. Sharma (2020). Standardizing assessment of spoken discourse in aphasia: A working group with deliverables. *American Journal of Speech-Language Pathology*.
https://doi.org/10.1044/2020_AJSLP-19-00093

H. Yoo, M. McNeil, M.W. Dickey, & L. Thehorst. Linguistic and Nonlinguistic Processing Speed across Age-Matched Normal Healthy Controls, Left-Hemisphere Damage with, and without Aphasia (2022). *Aphasiology, 36, 2, 147-169*.
<https://doi.org/10.1080/02687038.2020.1853966>

Hunting Pompon, R., Fassbinder, W., McNeil, M.R., **Yoo, H.**, Kim, H.S., Zimmerman, R.M., Martin, N., Patterson, J.P., Pratt, S.R., and Dickey, M.W. (2022). Associations among depression,

demographic variables, and language impairments in chronic post-stroke aphasia. *Journal of Communication Disorders*. Volume 100, 106266. DOI: <https://doi.org/10.1016/j.jcomdis.2022.106266>.

[Under Review]

[1] H. Yoo. B. Sirmon-Taylor. The Impact of High-Contact Sports on Memory and Auditory Comprehension in Young Athletes following Sports-Related Concussions. *Clinical Archives of Communication Disorders*.

[2] H. Yoo. Visual Memory Recovery by Gender in Young Athletes with a Sport-Related Concussion (SRC). *The Sport Journal*.

REFEREED CONFERENCE PRESENTATIONS

H. Yoo & D. Ko. The Pitch Production between Children with Cochlea Implants and Normal Hearing Children. 2003 Korean Society of Logpedics and Phoniatics. Pusan, Korea, November, Korea.

H. Yoo & D. Ko. The pitch production of Children with Cochlear Implants. ASHA Convention 2007, Boston, November, 17, USA.

M.W. Dickey & **H. Yoo**. Predicting Outcomes for Linguistically-Specific Sentence Treatment Protocols, Clinical Aphasiology Conference 2009, May 26 - 30, 2009, Keystone, Colorado, USA.

M.W. Dickey & **H. Yoo**. Predicting outcomes for Linguistically-Specific Sentence Treatment Protocols, Academy of Aphasia 2009, Oct 18-20, 2009, Boston, MA, USA.

M.W. Dickey & **H. Yoo**. Predicting outcomes for Linguistically-Specific Sentence Treatment Protocols, 2009 ASHA Convention, November 19–21, 2009 New Orleans, LA, USA.

H. Yoo & M.W. Dickey. Factors relevant to investigating working memory and sentence comprehension in healthy aging. Clinical Aphasiology Conference (CAC) 2010, May 23-28, 2010 Isle of Palms, SC, USA.

H. Yoo & M.W. Dickey. Aging Effects and Working Memory in Garden-Path Sentence Comprehension. CUNY sentence processing 2011, March 24-March 26, 2011 Stanford University, SF, USA.

H. Yoo & M.W. Dickey. Aging Effects and Working Memory in Garden-Path Sentence Comprehension. Clinical Aphasiology Conference 2011, May 31-June 4, 2011 Fort Lauderdale, FL, USA.

M.W. Dickey & **H. Yoo**. Dose-Response Relationships in Sentence-Production Treatment for Aphasia. 2013 ASHA, Chicago, IL.

M.W. Dickey & **H. Yoo**. Aquisition Versus Generalization in Sentence Production Treatment in Aphasia: Dose-Response Relationships. 2013 Academy of Aphasia, Geneva, Switzerland.

H. Yoo & M.W. Dickey. Garden-Path Effect and Recovery. Clinical Aphasiology Conference 2014, May 27-June 1st, 2014, St. Simon's Island, Georgia.

H. Yoo & M.W. Dickey. Garden-Path Effect and Recovery. ASHA convention 2014, Orlando, FL,

USA.

M.W. Dickey, W. Hula, & **H. Yoo**. Acquisition and Generalization Responses in Aphasia treatment: Evidence from Sentence-Production Treatment. Clinical Aphasiology Conference 2014 May 27-June 1st, 2014, St. Simon's Island, Georgia, USA.

W. Fassbinder, S. Pratt, M. Aldhoayan, R. Pompon, J. Patterson, K. Dalziel, H. Kim, **H. Yoo**, L. Zhou, S. Forman, N. Szuminsky, & M.R. McNeil. Validity and Reliability of shortening the Computerized Revised Token, Clinical Aphasiology Conference, May 30th-June 3rd, Snowbird, Utah, 2017.

H. Yoo, MR. McNeil, MW. Dickey, & L. Terhorst. Slowing in PWA is attributable to both the brain damage and the presence of aphasia, American Speech-language Hearing Association Convention 2017, Los Angeles, CA.

H. Yoo & MR. McNeil. Linguistic and Nonlinguistic Processing Speed across Age-Matched Normal Healthy Controls, Left-Hemisphere Damage with, and without Aphasia, Clinical Aphasiology Conference 2018. May, Austin, Texas.

H. Yoo & B. Sirmon-Taylor. Memory and language abilities by sports in high school and collegiate athletes with a concussion, 4th Federal Interagency Conference on Traumatic Brain Injury 2018, June, DC.

H. Yoo & A. Salvatore. Effects of Playing Positions on Memory and Auditory Comprehension in High School Football Players with a mild concussion, American Congress of Rehabilitation Medicine 2018, September, Dallas, Texas.

W. Fassbinder, RH. Pompon, M. Aldhoayan, HS. Kim, **H. Yoo**, J. Hosing, K. Dalziel, J. Mancini and MR. McNeil. "Cognitive Control, Semantic Processing, and Semantic Ambiguity Resolution in Individuals with Aphasia", oral presentation in the 2018 Academy of Aphasia, Montreal, Canada.

M. Aldhoayan, MR. McNeil, L. Zhou, W. Fassbinder, S. Pratt, HS. Kim, **H. Yoo**. "Short-Term Memory and Executive Attention in Sentence Comprehension in Aphasia: A Structural Equation Approach" oral presentation in the 2018 American Speech-language Hearing Association Convention 2018, Boston, MA.

W. Fassbinder, MR. McNeil, RH. Hunting-Pompon, M. Aldhoayan, HS. Kim, **H. Yoo**. J. Mancini, K. Dalziel. "Cognitive Control, Semantic Processing, and Semantic Ambiguity Resolution in Aphasia" oral presentation in the 2018 American Speech-language Hearing Association Convention 2018, Boston, MA.

H. Yoo. & A. Salvatore. Playing Positions Affects Memory & Language in High School Football Players with a Mild Concussion, American Speech-language Hearing Association Convention 2018, Boston, MA.

H. Yoo. & B. Sirmon-Taylor. Memory & Auditory Comprehension by Sports in Athletes With Concussion, American Speech-language Hearing Association Convention 2018, Boston, MA.

H. Yoo & B. Sirmon-Taylor. Visual Memory by Gender in Young Athletes after Concussions, 9th Traumatic Brain Injury Conference 2019, May 16th-17th, DC.

H. Yoo & MR. McNeil. Recovery in Story Retelling and Working Memory in Persons with Aphasia, 49th Clinical Aphasiology Conference 2019. May 28th-June 1st, Whitefish, Montana.

- W. Fassbinder, M.R. McNeil, **H. Yoo**, H.S. Kim, R.H. Pompon, M. Aldhoayan, L. Zhou, Q. Mi, N. Martin, J. Patterson, D. Kendall, K. Dalziel, R. Zimmerman, J. Mancini, S. Pratt & S. Forman. Short-Term Memory, Working Memory, and Conflict Resolution in Sentence Comprehension in Aphasia: A Structural Equation Approach, 49th Clinical Aphasiology Conference 2019. May 28th-June 1st, Whitefish, Montana.
- H. Yoo** & B. Sirmon-Taylor. Cognitive Processing Speed Over Time Following a Sports-Related Concussion (SRC), American Congress of Rehabilitation Medicine 2019, November, Chicago, IL. [Selected as NIDILRR Fellow Presentation]
- H. Kim & **H. Yoo**. Non-Canonical Sentence Processing Strategy in People with Mild Aphasia. American Speech-language Hearing Association Convention 2019, Orlando, FL.
- H. Yoo** & M. McNeil. Recovery in Story Retelling and Working Memory in Persons with Aphasia, American Speech-language Hearing Association Convention 2019, Orlando, FL.
- H. Yoo** & B. Sirmon-Taylor. Visual Memory by Gender in Young Athletics after Concussions. American Speech-language Hearing Association Convention 2019, Orlando, FL.
- H. Yoo** & M. Nasarwanji, F. & B. Sirmon-Taylor. Generative naming and symptom scores as indicators of recovery following a Sports-Related Concussion (SRC), American Congress of Rehabilitation Medicine (ACRM) 2020, November, Atlanta, GA. [Poster: Virtually Presented due to COVID-19]
- H. Yoo** & M. Nasarwanji, F. Lauren, & B. Sirmon-Taylor. Generative naming and symptom scores as indicators of recovery following a Sports-Related Concussion (SRC), American Speech-language Hearing Association Convention 2020, San Diego, CA. [Poster: The conference was cancelled due to COVID-19]
- H. Yoo** & K. Spexarth. Cohesive Markers in Stroke Survivors with and without Aphasia. American Speech-language Hearing Association Convention 2020, San Diego, CA. [Poster: The conference was cancelled due to COVID-19]
- H. Yoo**. Verbal working memory decline after COVID-19 in 20s, American Congress of Rehabilitation Medicine (ACRM) 2021 [Virtually Presented].
- H.S. Kim, **H. Yoo**, M. W. Dickey, W. Fassbinder, S.R. Pratt, R. Zimmerman, J. Patterson, M.R. McNeil. Effects of Canonicity on Sentence Processing in Individuals with Aphasia: Evidence from Eye-Tracking, Clinical Aphasiology Conference 2021, May, Virtually held [Poster: Virtually Presented].
- H. Yoo**, M.R. McNeil, & M.W. Dickey. Linguistic and nonlinguistic processing speed across age-matched controls and persons with left-hemisphere damage, with and without aphasia. Academy of Aphasia 2022 [Orally Presented in Symposium].
- H. Yoo**, & J. Scott. Cohesive devices in aphasia beyond the Western Aphasia Battery cutoff. Academy of Aphasia 2022 [Poster Presented].