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Department of Communicative Disorders

The University of Alabama

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**EDUCATION**

Ph.D.	2018	Communication Sciences & Disorders	The University of Memphis
M.S.	2008	Speech & Language Pathology	Yonsei University
B.A.	2005	Psychology	Korea University

**PROFESSIONAL EXPERIENCE**

2018-present	Assistant Professor, The University of Alabama, Tuscaloosa, AL
2016-present	Project Consultant, Hallym University, Chuncheon, South Korea
2013-2018	Graduate Teaching/Research Assistant, The University of Memphis, Memphis, TN
2009-2010	Speech-Language Pathologist, Seoul National University Hospital, Bundang, South Korea

**PEER-REVIEWED JOURNAL ARTICLES**

**Yoo, H.**, & Ha, S. (under review). Infant vocalizations and early home language environment. *Communication Sciences & Disorders*.

**Yoo, H.**, Oller, D. K., & Ha, S. (forthcoming). Early emergence and development of protophones in the first year of life, *Communication Sciences & Disorders*, 26(1),

Ha, S., Johnson, C. J., Oller, D. K., & **Yoo, H.** (2021). Cross-linguistic comparison of utterance shapes in Korean- and English-learning children: An ambient language effect. *Infant Behavior and Development*, 62, 101528.

Long, H. L., Bowman, D. D., **Yoo, H.**, Burkhardt-Reed, M. M., Bene, E. R., Oller, D. K. (2020). Social and endogenous infant vocalizations. *PLoS ONE*. 15(8): e0224956.  
<https://doi.org/10.1371/journal.pone.0224956>

Oller, D. K., Griebel, U., Bowman, D. D., Bene, E., Long, H. L., **Yoo, H.**, Ramsay, G. (2020). Infant boys are more vocal than infant girls. *Current Biology*, 30(10), R426-R427.

Oller, D.K., Caskey, M., **Yoo, H.**, Bene, E. R., Jhang, Y., Lee, C-C., Bowman, D. D., Long, H. L., Buder, E. H., & Vohr, B. (2019). Preterm and full term infant vocalization and the origin of language. *Scientific Reports*. 9:14734. <https://doi.org/10.1038/s41598-019-51352-0>

- Yoo, H.**, Buder, E. H., Bowman, D. A. & Bidelman, G. M., & Oller, D. K. (2019). Acoustic correlates and adult perceptions of distress in infant speech-like vocalizations and cries. *Frontiers in Psychology*. 10:1154. doi: 10.3389/fpsyg.2019.01154
- Farran, L. K., **Yoo, H.**, Bowman, D. A., & Oller, D. K. (2019). Temporal Coordination in Mother-Infant Vocal Interaction: A Cross-Cultural Comparison, *Frontiers in Psychology*. 10:2374. doi: 10.3389/fpsyg.2019.02374
- Yoo, H.**, Bowman, D. A., & Oller, D. K. (2018). The origin of mother-infant turn taking: An examination of mothers' role in protoconversation. *Frontiers in Psychology*. 9:1510. doi: 10.3389/fpsyg.2018.01510
- Farran, L. K., Lee, C-C., **Yoo, H.**, & Oller, D. K. (2016). Cross-cultural register differences in infant-directed speech: an initial study. *PloS One*, 11(3): e0151518. doi:10.1371/journal.pone.0151518
- Yoo, H.**, Kim, H., Kim H., & Shin, J. (2008). Articulation ability and phonological process in multicultural family children, *Journal of the Korean Society of Speech Sciences*, 15(3). 133-144.

## RESEARCH PROJECTS IN PROGRESS

- Yoo, H.**, Oller, D. K., & Bidelman, G. M. (in the process of resubmission). Behavioral and physiological responses during nonparent identification of infant cry and whine vocalizations under different acoustic stressors.

## CONFERENCE PAPERS/POSTER & ORAL PRESENTATIONS

\* Student names underlined\*

- [23] Sidje, N., & **Yoo, H.** (2021, March). Semantic aspects of infant-directed speech in response to speech-like vocalizations versus cries of infants. Poster presentation at the Undergraduate Research & Creative Activity Conference, Tuscaloosa, Alabama.
- [22] **Yoo** et al. (abstract accepted, INSAR 2021). Maternal Input Differences within Infant-Directed Speech and Volubility in Preschool Children with ASD. Panel Speaker at International Society for Autism Research, Virtual Annual Meeting.
- [21] **Yoo, H.**, Farran, L. K., Bowman, D. A., & Oller, D. K. (abstract accepted, ASHA 2020). Semantic aspects of infant-directed speech in response to speech-like vocalizations versus cries of newborn infants.
- [20] Berens, K., Morret, L., & **Yoo, H.** (2020, April). Vocal Turn-Taking Behaviors in Adult Conversations. Poster presentation at the Undergraduate Research & Creative Activity Conference, Tuscaloosa, Alabama.
- [19] **Yoo, H.**, Ha, S., Long, H. L., Ramsay, G., & Oller, D. K. (2019, November). A cross-cultural analysis of clustering of infant vocalizations across the first year of life. Symposium presentation at the American Speech-Language-Hearing Association Convention, Orlando, Florida.

- [18] **Yoo, H.** & Oller, Ramsay, G., & D. K. (2019, June). The development of phonatory control in infant speech-like vocalizations in the first year of life. Oral presentation at the International Child Phonology Conference, Montreal, Canada.
- [17] **Yoo, H.** & Oller, D. K. (2018, November). Caregiver responses to infant speech like vocalizations and cries: A naturalistic study with 0-3 month olds. Poster presentation at the American Speech-Language-Hearing Association Convention, Boston, Massachusetts. Presented again at Cooper Lecture Series, Tuscaloosa, Alabama.
- [16] Jhang, Y., Lee, C-C., & **Yoo, H.**, & Oller, D. K. (2018, November). A Comparison of Canonical Babbling Judged in Real-time & Repeated Listening. Oral presentation at the American Speech-Language-Hearing Association Convention, Boston, Massachusetts.
- [15] **Yoo, H.**, Bowman, D. A., & Oller, D. K. (2018, September). Timing of parent vocal responses to infant cry and speech-like vocalizations. Oral presentation at the Korean Academy of Speech-Language Pathology and Audiology Conference, Gwangju, South Korea.
- [14] **Yoo, H.**, Ramsay, G., Bene, E. R., Long, H., van Mersbergen, M., Buder, E. H., Burkhardt-Reed, M., & Oller, D. K. (2017, November). Volubility of infant distress vocalizations across the first year of life. Seminar at the American Speech-Language-Hearing Association Convention, Los Angeles, California
- [13] **Yoo, H.**, Bidelman, G. M., Buder, E. H., van Mersbergen, M., & Oller, D. K. (2017, June). Differentiating infant cry from non-cry vocalizations based on perception of negativity and acoustic features. Poster presented at the Acoustical Society of America, Boston, Massachusetts
- [12] **Yoo, H.** & Bidelman, G. M. (2016, November). Nonparent perception of infant cry and whine. Poster presented at the American Speech-Language-Hearing Association Convention, Philadelphia, Pennsylvania.
- [11] **Yoo, H.** & Oller, D. K. (2016, November). Temporal structure of turn-taking in parent-infant dyads: A naturalistic study with 0-3-month-olds. Poster presented at the American Speech-Language-Hearing Association Convention, Philadelphia, Pennsylvania
- [10] Lee, C-C., Long, H., Jhang, Y., **Yoo, H.**, Chen, LM., & Oller, D. K. (2016, November). Effects of social and non-social circumstances on canonical babbling ratios in English- and Chinese-learning infants. Poster presented at the American Speech-Language-Hearing Association Convention, Philadelphia, Pennsylvania.
- [9] Farran, L., **Yoo, H.**, Lee, C-C., & Oller, D. K. (2016, November). The temporal coordination of mother-infant vocal interactions across speech registers and cultures. Poster presented at the American Speech-Language-Hearing Association Convention, Philadelphia, Pennsylvania
- [8] Oller et al. (2015, November). Foundations for early detection of disorders through evaluating infant vocalization and parent-infant vocal interaction. Seminar at the

American Speech-Language-Hearing Association Convention, Denver, Colorado

- [7] Lee, C-C., Jhang, Y., **Yoo, H.**, Warlaumont, A. S., Dale, R., & Oller, D. K. (2015, November). Parent and laboratory report of infant reduplicated and variegated babbling. Poster presented at the American Speech-Language-Hearing Association Convention, Denver, Colorado
- [6] **Yoo, H.**, Buder, E. H., Lee., C-C., & Oller., D. K., (2015, November). Acoustic properties of infant cry and non-cry: A new look at distress and non-distress sounds. Poster presented at the American Speech-Language-Hearing Association Convention, Denver, Colorado
- [5] **Yoo, H.**, Franklin, B., Bene, E. R., Jhang, Y., & Oller, D. K. (2014, November). Infant vocalization in the first month of life. Seminar at the American Speech-Language-Hearing Association Convention, Orlando, Florida
- [4] Jhang, Y., **Yoo, H.**, & Oller, D. K. (2014, November). Canonical babbling judged in real-time as a screening tool. Seminar presented at the American Speech-Language-Hearing Association Convention, Orlando, Florida
- [3] **Yoo, H.**, Franklin, B., & Oller, D. K. (2014, June). Newborn Volubility across Circumstances. Poster presented at the International Child Phonology Conference in Missoula, Montana.
- [2] Oller, D. K., Vohr, B. R., Caskey, M., **Yoo, H.**, Bene, E. R., Jhang, Y., Warlaumont, A. Griebel, U., & Buder, E. H. (2014). Infant vocalization and birdsong: an infrastructural view. Society for Neuroscience satellite meeting: Birdsong4: Rhythms and Clues from Neurons to Behavior, Washington, DC.
- [1] Fergadiotis, G., **Yoo, H.**, Chen, F., & Wright, H. H. (2012, May). Measuring lexical diversity in aphasic discourse. Poster presented at the Clinical Aphasiology Conference, Lake Tahoe, California.

## GRANTS

### Intramural Grants

The College Academy of Research, Scholarship, and Creative Activity (CARSCA) Funding, The University of Alabama, 2019. \$6,000

ORED Internal Funding, The University of Alabama, 2018 (not selected)

The College Academy of Research, Scholarship, and Creative Activity (CARSCA) Funding, The University of Alabama, 2018 (not selected)

### Extramural Grants

LENA Start Launch Funds, LENA Foundation, 2021. \$40,350 (under review)

Health Resources & Services Administration-Early Childhood Comprehensive Systems: Health Integration Prenatal-to-Three Program (ECCS) (preproposal accepted).

## INVITED PRESENTATIONS

**Yoo, H.,** & Oller, D. K. (2021, Mar). Infant speech-like vocalizations and cries. Invited talk at the University of Alabama.

**Yoo, H.,** Buder, E. H., & Oller, D. K. (2019, July). Phonatory-related protophones in infants. Invited talk at Hallym University, Chuncheon, South Korea

**Yoo, H.,** Buder, E. H., Bowman, D. A. & Bidelman, G. M., Ramsay, G., & Oller, D. K. (2019, February). Speech-like vocalizations and distress sounds of newborns. Invited talk at the University of Alabama

**Yoo, H.,** & Oller, D. K. (2018, December). Distinction of registers within infant-directed speech. Invited talk at Hallym University, Chuncheon, South Korea

**Yoo, H.,** Bowman, D. A., & Oller, D. K. (2018, September). The origin of mother-infant turn taking: An examination of mothers' role in protoconversation. Invited talk at Hallym University, Chuncheon, South Korea

## ACADEMIC TEACHING EXPERIENCE

2018-present

### **The University of Alabama**

Acoustics of Speech (CD310)  
Speech Disorders 1 (CD308)  
Independent Study (CD 350)  
Speech Science (CD411)  
Applied Research in CD (CD425)  
Introduction to Research Methods (CD 501)

### **Guest lectures**

### **The University of Memphis, Memphis, TN**

2017 Voice Disorders (AUSP 7/8203, Spring 2017)  
Anatomy and Physiology of the Speech Mechanism (AUSP 7/8003, Fall 2017)  
2016 Acoustic and Perceptual Phonetics (AUSP 7/8008, Fall 2016)  
Clinical Research Colloquium (AUSP 7991, Fall 2016)  
2015 Clinical Research Colloquium (AUSP 7991, Fall 2015)

## SCHOLARSHIPS/ HONORS

2017 1<sup>st</sup> Place in Social and Behavioral Sciences, 29<sup>th</sup> Annual Student Research Forum,  
The University of Memphis  
Dissertation funding, the Institute for Intelligent Systems, The University of Memphis  
GA funding, the Institute for Intelligent Systems, The University of Memphis  
2015 & 2017 Travel support to ASHA, the Institute for Intelligent Systems, The University of Memphis  
2006 Scholarship for Excellent Student, Yonsei University, Seoul, South Korea  
2001 & 2005 Semester High Honors, Korea University, Seoul, South Korea

## THESES COMMITTEE

Sarah Chapman

Julia Miller  
Kayla Sherbert  
Mckenzie Sizemore

### **UNDERGRADUATE AND GRADUATE STUDENT SUPERVISION**

Krystina Berens  
Baylor Belich  
Ashlyn Coats  
Megan Kidd  
Hayden Murphy  
Lee Chapman Parks  
Millie Sartain  
Grace Shirah  
Naomi Sidje  
Ashely Stigler

### **INTERNAL COMMITTEE (ongoing)**

Graduate admission committee  
Curriculum committee  
Search committee

### **INVITED REVIEWER**

PlosOne  
Frontiers in Psychology

(Last updated on 03/31/2021)