

# UofSC



## \_COMD Newsletter

Fall 2021

### Top Articles:



[Hindsight 2020: The therapist](#)



[An interview with Staff Senate representatives Dwaun Sellers and Andrenette Hudley](#)



[August graduate to work with pediatric populations as speech-language pathologist](#)



[Canadian completes master's degree in speech-language pathology through distance education](#)



[August grad to work at specialized feeding and speech clinic in Midlands](#)

### Announcements:

Welcome to all of our new 2021 admits who started coursework this summer and fall!

Congratulations to our UofSC COMD 2021 Graduates! They all graduated on time, even in the midst of a pandemic.

The Department of Communication Sciences and Disorders, within the Arnold School of Public Health at UofSC is looking for a full-time clinical faculty member. To read more or apply visit: <https://uscjobs.sc.edu/postings/104676/>

We are also looking for 2 tenure-track research faculty members. To read more or apply visit: <https://uscjobs.sc.edu/postings/105828>





[Fridriksson named interim vice president for research](#)



[Sigfus Kristinsson racks up two more awards on path to becoming aphasia expert](#)



[Staff Spotlight: Teresa Boyett, Graduate Admissions Coordinator for the Department of Communication Sciences and Disorders](#)



[Faculty establish fellowship to recruit, support underrepresented students studying speech-language pathology](#)



[Student Spotlight: I am Public Health: Anja Derry](#)

Congratulations to master's student, Emily Fisher, on her recent ASHA SPARC Award!

Beth McCall, AUD was recently awarded the SCAA Bright Beginnings Award. This award recognizes SC audiologists who provide excellent clinical care, volunteer their time, participate in advocacy, and stand out from the crowd. It praises their tenacity and motivation to grow, develop, and lead in the field. Way to go, Beth! Your UofSC family is so proud of you!

In August, Julius Fridriksson joined Dakota Sharp for a podcast episode of *On The Ear* to discuss his work on COVID-19 recovery and the brain. To listen, search Episode 24: *The Impact of COVID-19 on the Brain, Cognition, and Language*

Dr. Krystal Werfel relocated to Boys Town National Research Hospital over the summer. We were sad to see her leave UofSC\_COMD, but we are excited for the opportunities awaiting her.

\* Recent Grants and Publications from March – September 2021

Current UofSC\_COMD Faculty members are **bolded**

Former and Current Mentees are underlined



**Recently Awarded Grants and Awards\*:**

Ellie Cooper (doctoral student), ASHA Distinguished Early Career Professional Certificate, September, 2021

Carolyn Davis (2021 graduate), Outstanding M.S. – Residential Student of the Year Award, 2021

**Lisa Fitton** (COMD faculty), Principal Investigator, with J. Marc Goodrich as Multiple PD/PI and **Gina Crosby-Quinotoa** (COMD faculty) as Co-Investigator, Eunice Kennedy Shriver National Institute of Child Health & Human Development, *Language difference or difficulty learning? Assessing early language skills to identify risk for reading difficulty among young Spanish-English dual language learners*, August 2021 - July 2023: \$420,059.

Erin Forward (COMD alumnus), ASHA Distinguished Early Career Professional Certificate, September, 2021

Rebecca Harper (2021 graduate), Outstanding M.S. – Distance Education Student of the Year Award, 2021

Lynsey Keator (doctoral student), Discover USC Poster Awards – 3-minute thesis category, April 2021

**Jessica Klusek** (COMD faculty), Co-Principal Investigator with Fiona Hollis and David Mott, UofSC Autism and Neurodevelopmental Disorders Center of Excellence, *Role of Amygdala in Emotional and Social Behavioral Deficits in Fragile X Syndrome*, June 2021 – May 2021: \$40,000.

**Jessica Klusek** (COMD faculty), Co-Principal Investigator with Sara Surasua and Luigi Boccutto, Health Sciences Center at PrismaHealth, *Pilot Study to Classify and Quantify Language Delay and Genetic Contributions in Phelan-McDermid Syndrome*, April 2021- March 2022: \$20,000.

Sigfus Kristinsson (doctoral student), Outstanding International Graduate Student Award by President Caslen, April 2021, OBI - Icelandic Disability Alliance Fellowship, May – June 2021: \$4,000  
American-Scandinavian Foundation Fellowship, May – June 2021: \$6,000

Jennifer Leger (COMD alumnus), ASHA Distinguished Early Career Professional Certificate, September, 2021

Stacey Sangtian (doctoral student), Discover USC Poster Awards – Impairment of Speech Auditory Feedback Error Detection and Motor Correction in Post-Stroke Aphasia, April 2021

**Dakota Sharp** (COMD faculty), 2021 SCSHA VP of Audiology, May 2021

**Danielle Varnedoe** (COMD faculty), 2021 SCSHA Special Recognition Award, May 2021

Julie Weber (COMD alumnus), Teacher of the Year – Newington Elementary School in Dorchester County School District 2, March 2021



**Recent Publications\*:**

- Abbeduto, L., Thurman, A. J., del Hoyo Soriano, L., & **Klusek, J.** (2021). Fragile X syndrome and associated disorders. In L. M. Glidden, L. Abbeduto, L. L. McIntyre, & M. J., Tasse (Eds.), *APA Handbook of Intellectual and Developmental Disabilities* (p. 151-185). Washington, D.C.: American Psychological Association. <https://doi.org/10.1037/0000194-007>
- Adlof, S. M.**, Baron, L. S., Bell, B. A., & **Scoggins, J.** (2021). Spoken word learning in children with developmental language disorder or dyslexia. *Journal of Speech, Language, and Hearing Research*. [https://doi.org/10.1044/2021\\_JSLHR-20-00217](https://doi.org/10.1044/2021_JSLHR-20-00217)
- Bangert, K., Moser, C., Friedman, L., & **Klusek, J.** (2021). Family as a context for child development: Mothers with the FMR1 premutation and their children with fragile X syndrome. *Seminars in Speech and Language*. doi: 10.1055/s-0041-1730988. PMID: 34311480.
- Black, C.J.\*, **Hogan, A.L.**, Smith, K., & Roberts, J. (2021). Early physiological and behavioral markers of social anxiety in infants with fragile X syndrome. *Journal of Neurodevelopmental Disorders*, 13(11).
- Henbest, V. S., & **Apel, K.** (2021). The relation between a systematic analysis of spelling and orthographic and phonological awareness skills in first-grade children. *Language, Speech, and Hearing Services in Schools*, 52, 1-13. doi: 10.1044/2021\_LSHSS-20-00114. PMID: 33989026.
- Feenaughty, L., **Basilakos, A.**, Bonilha, L., & **Fridriksson, J.** (2021) Speech timing changes accompany speech entrainment in aphasia. *J Commun Disord*, 90,106090. doi: 10.1016/j.jcomdis.2021.106090. PubMed PMID:33611108.
- Fridriksson, J.**, & Hillis, A.E. (2021). Current approaches to the treatment of post-stroke aphasia. *J Stroke*, 23(2), 183-201. doi: 10.5853/jos.2020.05015. PubMed PMID:34102754 PubMed Central PMC8189855.
- Johari, K., & **Behroozmand, R.** (2021). Neural Correlates of Speech and Limb Motor Timing Deficits Revealed by Aberrant Beta Band Desynchronization in Parkinson's Disease. *Clinical Neurophysiology*.
- Keator, L.M., Faria, A., Yourganov, G., Hillis, A., & Tippett, D. (2021). Application of the dual stream model to primary progressive aphasia: Evidence from a multivariant classification tool in primary progressive aphasia. *Aphasiology*, DOI: 10.1080/02687038.2021.1897079.
- Klusek, J.**, Thurman, A. J., Abbeduto, L. (2021). Maternal pragmatic language difficulties in the FMR1 premutation and the broad autism phenotype: Associations with individual and family outcomes. *Journal of Autism and Developmental Disorders*, e-pub ahead of print. <https://doi.org/10.1007/s10803-021-04980-3>





Kristinsson, S., Basilakos, A.A., Elm, J., Spell, L.A., Bonilha, L., Rorden, C., **Den Ouden, D.B.**, Cassarly, C., Sen, S., Hillis, A., Hickok, G., & **Fridriksson, J.** (2021) Individualized response to different types of aphasia rehabilitation in stroke. *Brain Communications*. doi: 10.1093/braincomms/fcab174. PMID: 34423302; PMCID: PMC8376685.

Kristinsson, S., Zhang, W., Rorden, C., Newman-Norlund, R., **Basilakos, A.**, Bonilha, L. et al. (2021) Machine learning-based multimodal prediction of language outcomes in chronic aphasia. *Hum Brain Mapp*, 42(6), 1682-1698. doi: 10.1002/hbm.25321. PubMed PMID:33377592 PubMed Central PMC7978124.

**Matchin, W.**, **Basilakos, A.**, Stark, B. C., **Den Ouden, D.**, **Fridriksson, J.**, & Hickok, G. (2021). Neuroanatomical dissociations of syntax and semantics revealed by lesion-symptom mapping. doi: 10.1162/nol\_a\_00010. PMID: 34296193; PMCID: PMC8293792.

Miller, C. A., **Behroozmand, R.**, Etlar, C. P., Nourski, K. V., Reale, R. A., Oya, H., ... & Greenlee, J. D. (2021). Neural correlates of vocal auditory feedback processing: Unique insights from electrocorticography recordings in a human cochlear implant user. *Eneuro*, 8(1).

Newman-Norlund, R. D., Newman-Norlund, S. E., Sayers, S., Nemati, S., Riccardi, N., Rorden, C., & **Fridriksson, J.** (2021). The Aging Brain Cohort (ABC) repository: The University of South Carolina's multimodal lifespan database for studying the relationship between the brain, cognition, genetics and behavior in healthy aging. *Neuroimage: Reports*, 1(1), 100008.

Regan, E., **Fridriksson, J.**, Schaefer, S.Y., Rorden, C., Bonilha, L., Lingo VanGilder, J. et al. (2021). Neural correlates of within-session practice effects in mild motor impairment after stroke: A preliminary investigation. *Exp Brain Res*, 239(1), 151-160. doi: 10.1007/s00221-020-05964-y. PubMed PMID:33130906 PubMed Central PMC7887039.

Smith, K.\*, **Hogan, A.L.**, Will, E.A., & Roberts, J. (2021). Attention bias and prodromal anxiety symptoms in toddlers with fragile X syndrome and Down syndrome. *American Journal on Intellectual and Developmental Disabilities*, 126(2), 167-181.

Stockbridge, M.D., Walker, A., **Matchin, W.**, Breining, B.L., **Fridriksson, J.**, Hillis, A.E. et al. (2021). A double dissociation between plural and possessive "s": Evidence from the Morphosyntactic Generation test. *Cogn Neuropsychol*, 38(1), 116-123. doi: 10.1080/02643294.2020.1833851. PubMed PMID:33096962 PubMed Central PMC7855872.

Themistocleous, C., Ficek, B., Webster, K., **Den Ouden, D.B.**, Hillis, A.E., & Tsapkini, K. (2021) Automatic subtyping of individuals with Primary Progressive Aphasia. *Journal of Alzheimer's Disease*, 79(3), 1185-1194.

Walker, G.M., **Fridriksson, J.**, & Hickok, G. (2021). Connections and selections: Comparing multivariate predictions and parameter associations from latent variable models of picture naming. *Cogn Neuropsychol*, 38(1), 50-71. doi: 10.1080/02643294.2020.1837092. PubMed PMID:33150843 PubMed Central PMC7855206.



- Wilmskoetter, J., **Fridriksson, J.**, **Basilakos, A.**, Phillip Johnson, L., Marebwa, B., Rorden, C. et al. (2021) Indirect white matter pathways are associated with treated naming improvement in aphasia. *Neurorehabil Neural Repair*, 35(4), 346-355. doi: 10.1177/1545968321999052. PubMed PMID:33719732 PubMed Central PMC8068606.
- Wang Y, **Behroozmand R**, Phillip L, Bonilha L, **Fridriksson J**. Topological Signal Processing and Inference of Event-related potential Response. *Journal of Neuroscience Methods* (2021). doi: 10.1016/j.jneumeth.2021.109324. PMID: 34428514.
- Yourganov, G., Stark, B.C., **Fridriksson, J.**, Bonilha, L., & Rorden, C. (2021) Effect of stroke on contralateral functional connectivity. *Brain Connect*, doi: 10.1089/brain.2020.0901. PubMed PMID:33757303.

