

# Research Symposium

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Celebrating undergraduate and graduate student researchers who have the potential to serve as leaders and change makers within the broad field of communication sciences and disorders.

## Testing orofacial somatosensation - the why and how

Faculty Mentor: Nicole Etter, Ph.D., CCC-SLP  
Presented by: Madison Peters, Alyssa Bartkus, Dakota Ker, Kristin Melnyk, Lauren Angelo

## Searching for evidence of language impairment in children who are deaf/hard of hearing

Faculty Mentor: Carol Miller, Ph.D.  
Presented by: Dana Winthrop, Maura Jaeger

## What affects the processing of abstract and concrete words in different semantic relationships?

Faculty Mentor: Chaleece Sandberg, Ph.D., CCC-SLP  
Presented by: Krisanne Schaub

## Changes in brain after aphasia therapy

Faculty Mentor: Chaleece Sandberg, Ph.D., CCC-SLP  
Presented by: Nafea Shaikh

## Articulatory kinematic predictors of vowel intelligibility in adults with dysarthria secondary to Amyotrophic Lateral Sclerosis

Faculty Mentor: Jimin Lee, Ph.D., CCC-SLP  
Presented by: Julie Fischer, Elizabeth Rodriguez

## Vietnamese children with ASD: SLP's perspectives

Faculty Mentor: HyeKyeung Seung, Ph.D., CCC-SLP (California State University, Fullerton)  
Presented by: Jamie Bui, San Pham, Kristina Iorga, HyeKyeung Seung



**PennState**  
College of Health and  
Human Development

Communication Sciences and Disorders

## Effects of dynamic text and speech output in an augmentative and alternative communication app on single-word reading of individuals with severe autism spectrum disorders who have minimal speech

Faculty Mentors: Jessica Caron, Ph.D., CCC-SLP, Janice Light, Ph.D., David McNaughton, Ph.D.  
Presented by: Adi Kadosh, Amy Hines

## Contribution of tongue and jaw positions to formant frequencies in people with dysarthria secondary to ALS

Faculty Mentor: Jimin Lee, Ph.D., CCC-SLP  
Presented by: Morgan Herber, Clare O'Rourke

## What are the benefits of semantic feature generation when compared to semantic feature selection during training of abstract words for patients with aphasia?

Faculty Mentor: Chaleece Sandberg, Ph.D., CCC-SLP  
Presented by: Caroline Waldschmidt

## Predicting naming errors with EEG

Faculty Mentor: Chaleece Sandberg, Ph.D., CCC-SLP  
Presented by: Jessica Porter, Alex Coutsoumbis, Julia Schwartz, Kirsti Malinchok

## The role of AAC displays in communicative environments in individuals with Down Syndrome

Faculty Mentor: Krista Wilkinson, Ph.D.  
Presented by: Caroline Fehr

## When do you and I become we: the effect of task differences on phonetic convergence

Faculty Mentor: Anne Olmstead, Ph.D.  
Presented by: Emilee Hollingsworth

## Literacy for individuals who use AAC: Observations of SLPs and teachers implementing literacy lessons in schools

Faculty Mentor: Jessica Caron, Ph.D., CCC-SLP  
Presented by: Leah Brush, Emilia Livi, Meghan O'Brien

## The effects of online training on pre-service SLP adapted literacy instruction

Faculty Mentor: Jessica Caron, Ph.D., CCC-SLP  
Presented by: Laura Bitner, Madison Kovalick, Shyloh Walls

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