

The image shows the exterior of a building with a sign that reads "COMMUNICATION SCIENCES & DISORDERS". The building has a light-colored facade and a balcony with a white railing. The sign is mounted on a white ledge above a set of stairs. The text is in a serif font, with "COMMUNICATION" on the top line and "SCIENCES & DISORDERS" on the bottom line. The background is slightly blurred, showing the building's architecture and a street lamp.

COMMUNICATION  
SCIENCES & DISORDERS

# Ohio University Division of Communication Sciences and Disorders

Year in Review 2019-2020

# **CSD doctoral student receives Gary S. Neiman Graduate Student Research Award**

Christina Lynn Corso, M.S., CCC-SLP, received The Gary S. Neiman Graduate Student Research Award.

The award will be used to fund travel expenses for data collection for her study: “IEP Team Perceptions on Individuals with Multiple Disabilities using Smart Speakers with Voice Control (SSVCs).”

The award is meant to aid in conducting research to a graduate student from accredited programs housed in CHSP.





## **Study Abroad: Botswana**

CHSP physical therapy, audiology, & speech-language pathology graduate students explore rehabilitation services in under-resourced areas in Botswana.

*July & August 2019*



Advanced American Sign Language (ASL 5) students attended the Annual Fall Festival hosted by the Ohio School for the Deaf Alumni Association on September 8<sup>th</sup>. The students met people in the Deaf community while using ASL outside of the classroom.

# 1804 Fund connects audiology students to musicians in the School of Music

Faculty from OHIO's College of Health Sciences and Professions and College of Fine Arts were provided \$33,528 to help fund project "Hearing Conservation in Student Musicians" (HCSM). Among this faculty was Dr. Nilesh Washnik, Ph.D., an assistant professor in the Department of Communication Sciences and Disorders at OHIO.

HCSM is designed to mitigate student musicians' increased risk for Noise-Induced Hearing Loss while presenting learning opportunities for students in the School of Rehabilitation and Communication Sciences.



# Majors Fair



October 2019



## **Teresa Tyson-Drummer recognized for 25 years of service**

Teresa Tyson-Drummer, administrative specialist in CSD, was recognized for her 25 years of service to the unit during the 27th Annual Classified Staff Service Awards Ceremony. Since starting at Ohio University in 1994, Tyson-Drummer has worked for the Division of CSD throughout her entire OHIO career.

“Teresa is a vital and integral cornerstone of CSD. Much of the success of CSD is owed to Teresa’s tireless commitment and efforts. Through her endless hard work and good humor, the work of faculty, students, and staff is always made easier. Our heart-felt congratulations and gratitude go to you Teresa!” -Dr. Jim Montgomery

# OHIO audiology student distributes hearing protection for Audiology Awareness Month



Lauren Meyer, fourth-year OHIO audiology student, helped distribute hearing protection and discuss hearing conservation during the Gary Sinise and LT Dan Band AUSA concert on Oct. 15, 2019 in Washington D.C. Lauren Meyer, 1LT and other Army externs joined Col. Amy Blank, Army consultant and staff officer, and the Office of the Surgeon General to hand out more than 300 pairs of earplugs to concert patrons and hotel staff.



## **Cailin Michael receives \$5K scholarship**

Cailin Michael, a first-year master's student in speech-language pathology, received a \$5,000 National Student Speech Language Hearing scholarship from the American Speech-Language-Hearing Foundation.

This award is highly competitive, as the ASHA Foundation grants only three awards each year nationwide. The award is reserved for truly exceptional students who demonstrate not just outstanding academics and volunteerism, but exceptional leadership abilities. Michael represents CSD and CHSP with distinction.

# OHIO Neuroscience Research Day 2019

Ohio University Neuroscience Research Day offered a look into neuroscience-related research happening at OHIO.

Dr. Nilesh Washnik, assistant professor in CSD, gave a talk about his research on the Effect of Noise Exposure on Normal Hearing Non-Music Major and Music Major Students. Second year MA-SLP students, Allison McIntosh and Hsiao-Ting (Sophie) Su, both presented research posters.

Undergraduate students Sarah Busken and Allyson Goff also participated in the event. Dr. François-Xavier Brajot and Dr. Chorong Oh of the CSD department participated as judges of student presentations.





## ASHA Convention 2019 – Orlando, FL

November 2019



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# OHIO CSD welcomes visitors from Taiwan's Asia University

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SLP student Tzu-Ling Wang, audiology student Chen-Chen Tsai, & audiology prof Hui-Shan Chang



*January 2020*



**Chao-Yang Lee**

@chaoyanglee



We are proud of our undergraduates [@OHIO\\_CSD](#): Emily Weidig has been selected to participate in a state-level student leadership program. Rasmia Shraim has been chosen to serve on OU's experiential learning student advisory board. Congrats!

6:38 PM · Feb 5, 2020 · [Twitter for iPhone](#)

# Dr. Washnik speaks at ISHACON 2020

Dr. Washnik was an invited faculty speaker at the 52nd Annual Conference of The India Speech and Hearing Association. ISHACON 2020 was held from February 13-16 at PGIMER, Chandigarh. Dr. Washnik delivered a talk on “Evidence of cochlear synaptopathy in student musician”.

February 2020



## American Sign Language 6 students sign the national anthem at OHIO Men's Basketball game

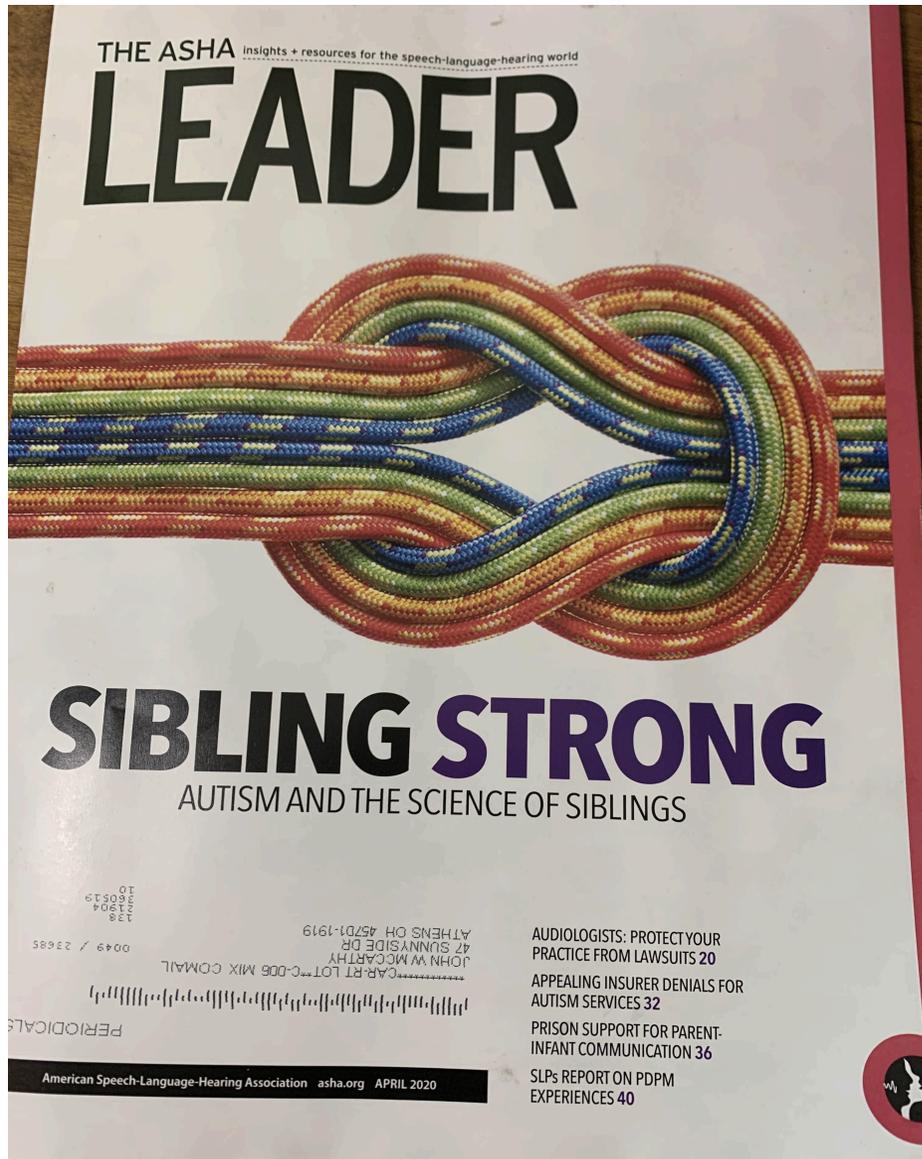




# OHIO programs recognized in Best Graduate School rankings by U.S. News & World Report

*Master of Arts in Speech-Language Pathology: Tie for 45<sup>th</sup>*

*Doctor of Clinical Audiology: Tie for 46<sup>th</sup>*



**John McCarthy**  
@sayitanywayou

Just looking at my copy of the @ASHAleader to see siblings & children with autism spectrum disorder research by @OHIO\_CSD doctoral candidate @BridgetGorni10 featured on the COVER! S/O to adviser Joann Benigno also quoted!

@CHSPOhio @BobcatsDiscover



Mackenzie Minner

@kenzieminner22

I had the privilege of assessing the knowledge retention and recall of students in anatomy courses. We compared students' preferred learning modalities with their VARK scores.

#OHIOAnatomyoflearningandmemory

#OUVirtualExpo

@WeidigEmily @BobcatsDiscover @CHSPOhio

@OHIO\_CSD



Figure 2. CSD students' (n=38) mean VARK® learning questionnaire preferences.

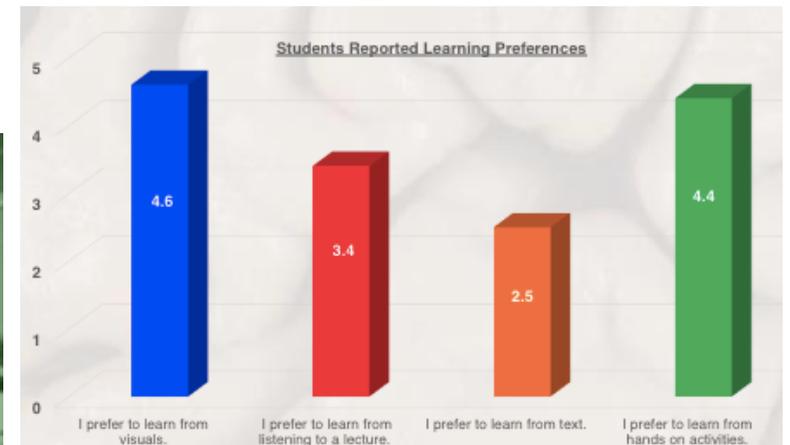


Figure 1. CSD students' (n=34) reported learning preferences in class or laboratory.

# #OUVirtualExpo

# #OUVirtualExpo



**Emily Weidig**  
@WeidigEmily



I had the opportunity to assess the relationship between American Sign Language knowledge and CSD student's preferred mode(s) of learning through the VARK questionnaire.

[#THEneuroanatomyofameicansignlanguage](#)

[@bobcatsdiscover](#) [@kenzieminner22](#) [@OHIO\\_CSD](#)

[@CHSP](#)

12:17 PM · Apr 9, 2020 · [Twitter Web App](#)



**Bridget GW**  
@BridgetGorni10



A small snapshot of my dissertation research on a cooperative social skills intervention for children with autism and their siblings. [#OUVirtualExpo](#)  
[@BobcatsDiscover](#)

### Children with Autism Spectrum Disorder and Their Siblings as Co-Recipients of a Comic Strip Conversation Intervention: An Exploratory Study

Bridget M. Wright, M.A.

Advisor: Dr. Joann Benigno

**Who:** Children with autism spectrum disorder (ASD) and their sibling between the ages of 5-11 years (6 sibling pairs).

**What:** Joint sibling social skills intervention using Comic Strip Conversations (CSCs; Gray, 1994), personalized iPad stories, and a cooperative game.

**Research Question:** What are the perceptions of caregivers and children on a CSC intervention involving siblings as co-recipients?

- 1 training session and 3 intervention sessions.
- Siblings worked with the primary investigator to create CSCs based on a social scenario. Prompts to discuss dialogue, thoughts, and feelings were provided.
- Siblings took on roles of CSC characters to "act out" the story to create personalized iPad story.
- Siblings played a cooperative game.

#### The Intervention



- Caregivers completed a satisfaction questionnaire.
- Caregivers were interviewed- asked about strengths and challenges of involving siblings in intervention.
- Each child was interviewed regarding- likes and dislikes of intervention, what they learned, how they felt about working with their sibling, and if they would want to work with their sibling again.

#### The Interviews



#### Caregivers

- Average satisfaction 4.67-5.00 (5 being the highest rating).
- **Strengths**
  - Collaboration opportunities
  - Children are confident & comfortable with their sibling
- **Challenges**
  - Sibling without ASD taking control
  - Siblings distracting one another

#### Children

- Children liked the game and intervention activities. Expressed desire for shorter sessions and different types of activities.
- Learned a skill/lesson (e.g., solving a problem) and CSC symbols/conventions.
- Feelings about working with sibling- 7 positive feelings, 3 negative, 2 ambivalent
- 6/12 children would work with their sibling on future projects

# #OUVirtualExpo

April 2020





Christina Corso  
@CorsoChristina



So excited to be sharing my research during the [#OUVirtualExpo](#) Swipe to check out my short video for an overview of this study! [@bobcatsdiscover](#) [@chspohio](#) [@ouCSD](#)

# #OUVirtualExpo

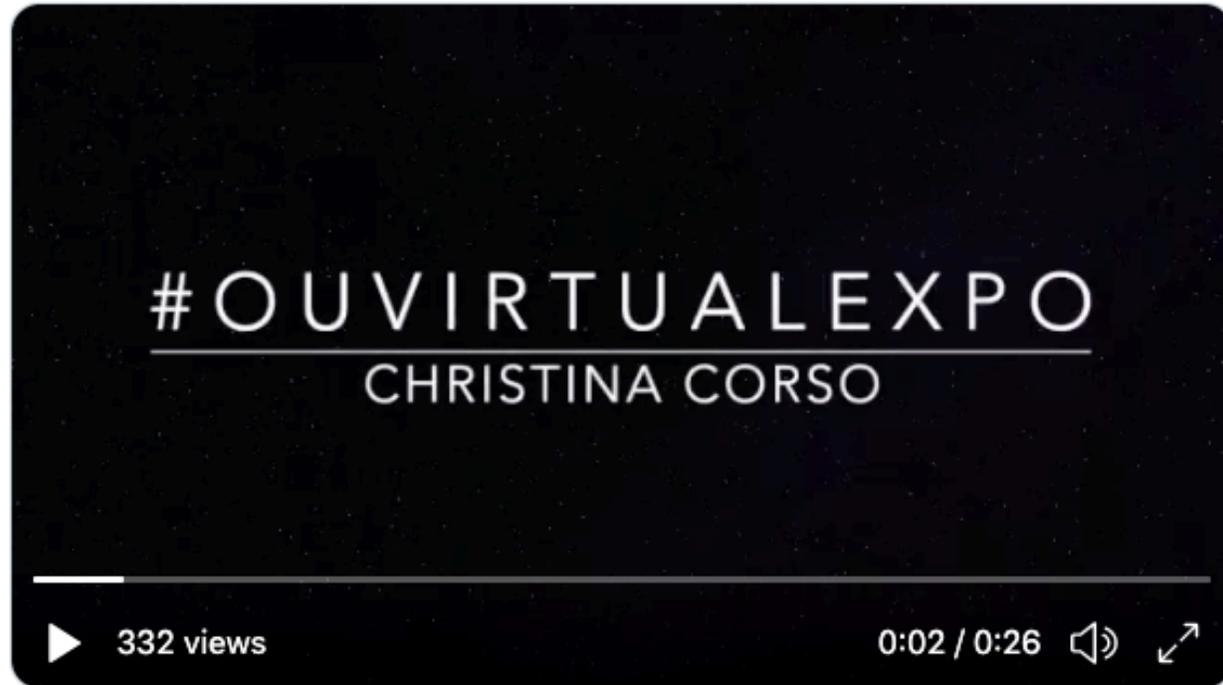


Christina Corso  
@CorsoChristina



Replying to [@sayitanywayou](#) [@BobcatsDiscover](#) and 3 others

Check out my VIRTUAL Expo Pitch Competition submission to hear more about increasing independence through smart home technology with individuals living with significant disabilities.



[Overview](#)

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Ohio University 2020 Expo Pitch  
Expo Pitch Competition video for the 2020 Ohio University Student Expo.  
[youtube.com](#)

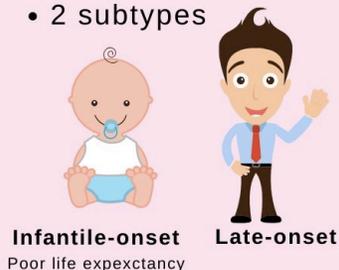
[Virtual Submission](#)

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# WHAT IS POMPE DISEASE?

- Rare and progressive **neuromuscular disease**
- Characterized by **muscle weaknesses** (respiratory and oral-facial muscles)

- 2 subtypes



## LANGUAGE, SPEECH, OROMOTOR FUNCTION in children with POMPE DISEASE

Hsiao-Ting Su, Li-Mei Wang, Chia-Feng Yang, Li-Hong Lee, François-Xavier Brajot

Email: [hs945418@ohio.edu](mailto:hs945418@ohio.edu)  
Neuromuscular Disorders, in press, <https://doi.org/10.1016/j.nmd.2020.03.003>

# WHAT'S THE ISSUE?



**New Enzyme Replacement Therapy (ERT)** extend their life expectancy into teens



**Speech & swallowing** are still seriously affected



**Little research** on speech and language in Pompe disease

## LANGUAGE, SPEECH, OROMOTOR FUNCTION in children with POMPE DISEASE

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## LANGUAGE



- 1/3 kids have a **language delay**
- **Age** was a minor predictor

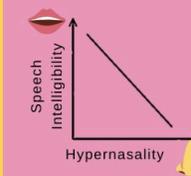
## SPEECH- ACOUSTIC



**Ahhhhh~**  
<9 sec→ very poor articulation  
>9 sec→ good to normal articulation

**Sssss~ / Zzzzz~**  
S/Z ratio<0.3→ good speech intelligibility  
S/Z ratio>0.3→ poor speech intelligibility

## SPEECH- PERCEPTUAL



- >2/3 kids have **speech deficits**
- High score of **hypernasality**→ poor **speech intelligibility**

## OROMOTOR FUNCTION



- **Tongue weaknesses**
- **Tongue strength** moderately correlates with **articulation accuracy**

## LANGUAGE, SPEECH, OROMOTOR FUNCTION in children with POMPE DISEASE

Hsiao-Ting Su, Li-Mei Wang, Chia-Feng Yang, Li-Hong Lee, François-Xavier Brajot

Email: [hs945418@ohio.edu](mailto:hs945418@ohio.edu)  
Neuromuscular Disorders, in press, <https://doi.org/10.1016/j.nmd.2020.03.003>

# #OUVirtualExpo



Raise awareness about Pompe disease! My study expands on what we know about speech and language in Pompe disease. I also present new findings on speech acoustic and oromotor function in this population. Check it out!

Neuromuscular Disorders, in press,  
[doi.org/10.1016/j.nmd....](https://doi.org/10.1016/j.nmd.2020.03.003)



*Congratulations!*

# KYLE RODGERS

United States Navy  
Health Services Collegiate Program Medical Service Corp



In January, Kyle Rodgers was selected as an Officer Candidate for the Health Services Collegiate Program Medical Service Corps. In April, Kyle swore the Oath of Enlistment to the United States Navy.

Starting in June, Kyle will complete his 4<sup>th</sup> year externship in Virginia at the Portsmouth Naval Medical Center. Upon completion, Kyle will go to Officer Development School in Newport, Rhode Island for 5 weeks of training. He will then take his first duty station as a commissioned officer and audiologist in the United States Navy. Congratulations, Kyle!



*May 2020*



# Student Organizations: NSSLHA

## National Student Speech Language Hearing Association

NSSLHA is a student organization directed towards majors and minors of Communication Sciences and Disorders (CSD). The purpose of this organization is to inform its members about CSD related events and important information related to the fields of speech-language pathology and audiology. NSSLHA also provides its members with CSD related community service opportunities in the area along with fun social events and guest speakers to meet new people and to better get to know the CSD faculty.



# Student Organizations: NSSLHA

2019 - 2020

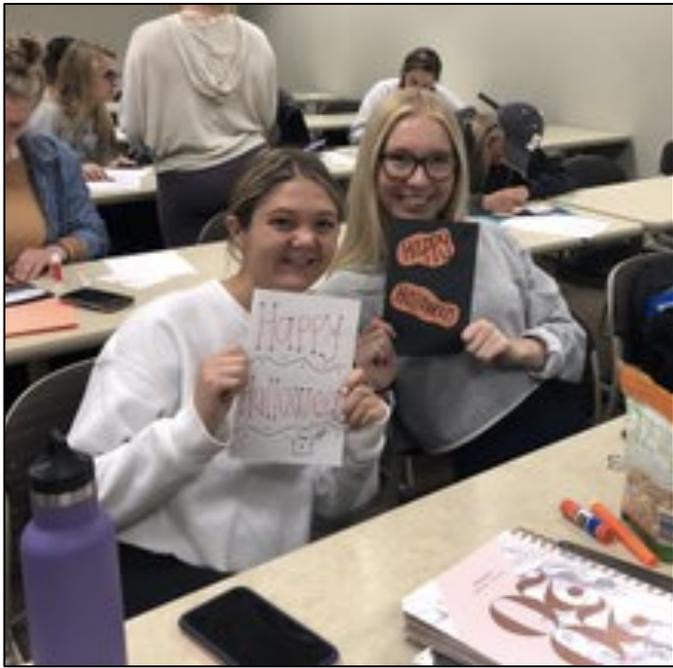
# Student Organizations: Creative Expressions

## Creative Expressions

CE is a faculty supported, student run organization which dedicates time and effort to working with children within Athens Community Schools through Arts and Inclusion. CE focuses on giving Ohio University students hands-on experience through creating and leading innovative lesson plans that promote language and communication skills.

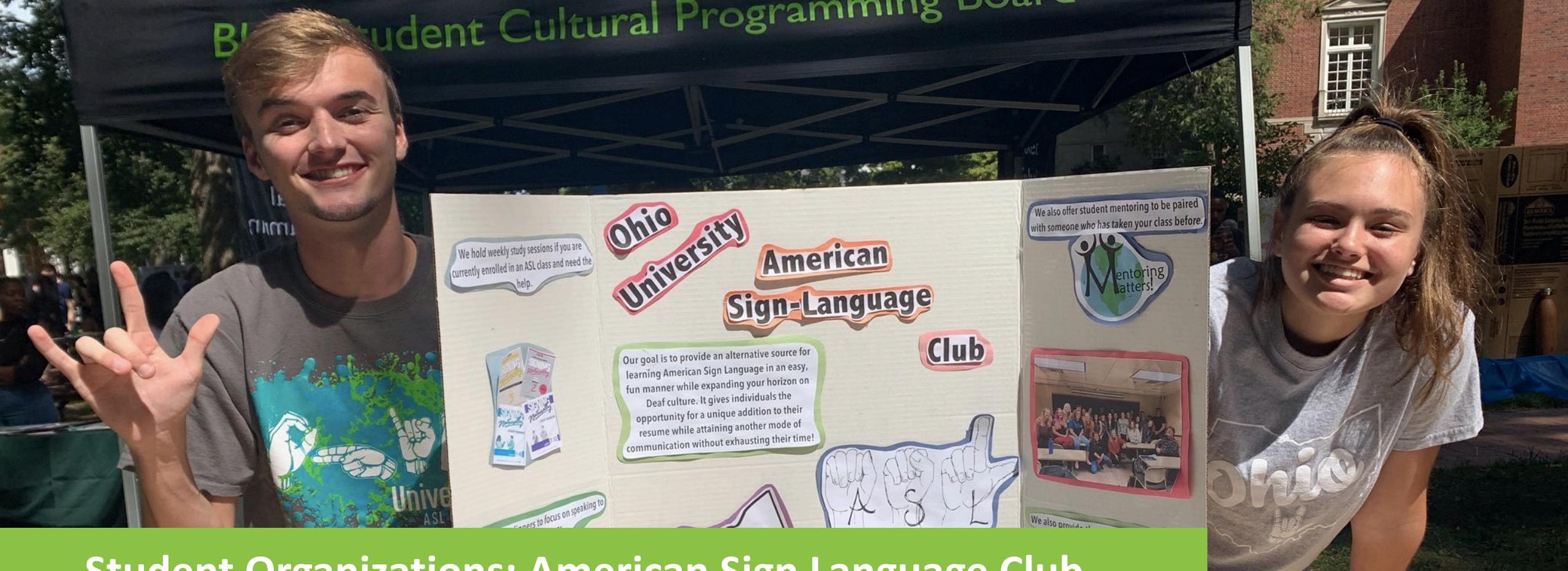
Contact: [ohiouce@gmail.com](mailto:ohiouce@gmail.com)





# Student Organizations: Creative Expressions





## Student Organizations: American Sign Language Club

### American Sign Language Club

The ASL Club wishes to promote a relaxed and conducive environment which enables members to be introduced to or expand on their knowledge of American Sign Language and Deaf culture, all while bridging the gap between the deaf and hearing communities.

# Student Organizations: ASL Club



# Student Organizations: AGES

## Aging and Gerontological Education Society

AGES promotes the study of aging and provides volunteer opportunities for students to engage in meaningful interactions with elderly adults in the Athens community. AGES volunteers at local nursing homes and Athens Senior Center. Members attend and fundraise for the annual Alzheimer's Walk. They also focus on bringing attention to the Gerontology certificate and the OAGE conference.



Contact: Cheyenne [cb062716@ohio.edu](mailto:cb062716@ohio.edu)



## Student Organizations: AGES

2019 - 2020





## Student Organizations: Student Academy of Audiology

Contact: Ashtyn [al244416@ohio.edu](mailto:al244416@ohio.edu)

2019 - 2020



### Student Academy of Audiology

SAA is a student branch of AAA which aims to brighten their future as professionals through community engagement, inter-professional education, and leadership building. This chapter serves as a collective voice to advocate the rights, interests, and welfare of students pursuing careers in audiology. SAA engages students in lifelong professional activities that promote and advance the profession of audiology.

# Student Organizations: Respite

## Respite Volunteer Program

Respite provides special training to student volunteers who visit the homes of adults with disabilities and other challenges. Volunteers provide a break for caregivers by providing personalized care and social interaction in the home.

Contact: Brooke Vaughan, DPT  
[vaughanb@ohio.edu](mailto:vaughanb@ohio.edu)





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