

Alayna Rowell, M.A. CCC-SLP

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EDUCATION

Doctor of Philosophy , Communication Sciences; Clinical Research Certificate Case Western Reserve University	In Progress
Master of Arts , Speech-Language Pathology University of Toledo, Magna Cum Laude Graduate Assistantship	2017 – 2019
Bachelor of Arts , Speech and Hearing Science with Neuroscience minor Ohio State University, Magna Cum Laude with research distinction Health Sciences Scholar <u>Thesis</u> : <i>Effects of Exposure to Aggressive Bumper Stickers on Driving Behavior</i>	2013 – 2017

RESEARCH EXPERIENCE

Graduate Research Assistant Brain in Swallowing and Communication Lab	2024 - Present
Graduate Research Assistant Project: Investigation of the effects of an early intervention program, paired with biweekly feedback from a LENA recording device, on the language environment of children from low socioeconomic backgrounds. Responsibilities: <ul style="list-style-type: none">➤ Conducted literature review and assisted writing an IRB.➤ Designed the study, categorized treatment groups, and planned timeline for various interventions.➤ Collected data for 10 weeks of evidence-based early intervention with parent handouts.➤ Analyzed recordings of language samples and created visualizations of the data.➤ Collaborated with the East Toledo Family Center including staff training for early language intervention principles, gathering participants, language feedback reports.➤ Reported findings via a research poster at a state conference.	2017 – 2019
Undergraduate Lab Assistant , Driving Simulation Lab Primary project: Investigation of the internal and behavioral reactions to aggression during a driving simulation task as affected by neutral-content or aggressive-content bumper stickers. Responsibilities: <ul style="list-style-type: none">➤ Submitted grant proposal (Awarded \$1000).➤ Moderated driving simulation studies.➤ Created standardized protocols and scripts.➤ Collaborated with engineering students to create a simulation environment.➤ Acquired all data, ran all participants.➤ Reported findings via a research poster at a university conference as well as via a thesis manuscript.	2016 – 2017

Secondary project: Investigation of navigation and console touchscreen technology for industry partner projects.

Undergraduate Lab Assistant, Language, Assistive Technology and Autism Lab 2015 – 2017

Project: Investigation of the visual attention and memory behaviors during language learning tasks in young children with autism.

Responsibilities:

- Conducted literature review for the Principle Investigator.
- Completed reliability testing to code eye gaze behaviors.

POSTERS AND PRESENTATIONS

Rowell, A., Kaleel, A., Diehm, E., & Pakulski, L. (2019). *Effects of a Technology-Enhanced Early Intervention Program*. Ohio Speech Language Hearing Association Conference, Columbus, OH.

Rowell, A., Kerwin, T., Bushman, B., & Weisenberger, J. (2017). *Effects of Exposure to Aggressive Bumper Stickers on Driving Behavior*. Denman Undergraduate Research Forum, Columbus, OH.

*Awarded first place in its category

HONORS AND DISTINCTIONS

ASHA ACE Award 2022

Graduate Student OSLHA Scholarship nominee 2018
Nominated by professors in the CSD department, then voted on by OSLHA board members based on a personal essay.

Janet Weisenberger Undergraduate Research Writing Award 2017
Six students within the Speech & Hearing department submitted their undergraduate thesis to a board of professors. Each professor then voted for one based upon quality of writing.

Denman Research Poster Award: First Place in Social and Behavioral Sciences category 2017
Around 200 undergraduate research posters are split into 11 content-categories and judged on poster clarity, presentation style and study design.

Arts and Sciences Undergraduate Research Scholarship 2016
Based on merit.

Undergraduate Student Research Grant 2016
Based on proposal of research thesis topic and study design.

PROFESSIONAL AFFILIATIONS

Dysphagia Research Society 2023 – present

The Informed SLP 2022 – present

American Speech-Language Hearing Association 2019 – present

MedSLP Collective 2018 – 2023

CERTIFICATIONS

In Progress: Clinical Research Certificate from Clinical-Translational Science Collaborative

Certificate of Clinical Competence (ASHA)

State licenses in speech-language pathology: Michigan & Ohio

Modified Barium Swallow Impairment Profile

Lee Silverman Voice Treatment

Basic Life Support (American Heart Association)

Montreal Cognitive Assessment

CLINICAL WORK

Bronson

Part-time, Full-time

Southwest Michigan

December 2022 – July 2024

- Serviced adult patients in outpatient centers, satellite hospitals and a Level 1 Trauma hospital.
- Conducted outpatient and inpatient videofluoroscopic swallow studies.
- Improved patient access to instrumental swallow studies via collaboration with radiology.

ProMedica

PRN, Part-time

Sylvania, OH

June 2019 – November 2022

- Serviced adult patients in two settings: Flower Hospital (311-bed Level 3 Trauma hospital) and the Neurosciences Center (outpatient).
- Conducted videofluoroscopic swallow studies.
- Assisted with fiberoptic endoscopic evaluations of swallowing (FEES).
- Assisted with graduate student supervision.

Kingston Rehabilitation of Perrysburg

PRN, Part-time

Perrysburg, OH

June 2021 – November 2022

- Serviced short-term stay patients in a 62-bed skilled nursing facility.

P.T. Services Rehabilitation, Inc.

Full-time

Tiffin, OH

June 2019 – August 2021

- Serviced a rural community: adult and pediatric outpatient, community hospital, high school, SNF, behavioral health hospital, telehealth.
- Conducted videofluoroscopic swallow studies.
- Created educational resources to market evidence-based dysphagia and voice therapy.