

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 <ul style="list-style-type: none">➤ Mentoring undergraduate and master's level students➤ Participating in retrospective analyses and community healthcare collaborations➤ Learning research tools such as lingual monofilament sensory testing, surface electromyography, spontaneous swallow frequency, lingual manometry, functional near-infrared spectroscopy➤ Learning research design and writing IRB documents	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">➤ Assisted with design and managed treatment group schedules.➤ 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.	2016 – 2017

Responsibilities:

- Moderated driving simulation studies.
- Created standardized protocols and scripts.
- Collaborated with engineering students to create a simulation environment.
- Acquired data and ran all participants.
- Reported findings via a research poster at a university conference as well as via a thesis manuscript.

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:

- 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

Graduate Student Appreciation Award	2025
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School of Graduate Studies, CWRU; Nominated by professor in CSD department

Dysphagia Research Society CSDRG Logemann Conference Bursary	2024
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ASHA ACE Award	2022
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Graduate Student OSLHA Scholarship nominee	2018
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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
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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
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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
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Based on merit. \$2500

Undergraduate Student Research Grant <i>Based on proposal of research thesis topic and study design. \$1000</i>	2016
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PROFESSIONAL AFFILIATIONS

Dysphagia Research Society	2023 – present
The Informed SLP	2022 – present
American Speech-Language Hearing Association	2019 – present
Vice President for the Northwest Ohio Speech-Language Hearing Association	2019 – 2022

CERTIFICATIONS

In Progress: Clinical Research Certificate from CWRU School of Medicine Clinical Translational Sciences, Department of Population and Quantitative Health Sciences

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.