

## Noelle Wig

64 Stoughton Road -- East Windsor, CT – 860-256-1830  
noelle.wig@uconn.edu

### EDUCATION

**Bachelors of Arts in Speech, Language, and Hearing Sciences  
and Psychological Sciences, *summa cum laude***

May 2018

University of Connecticut, Storrs, CT

### UNDERGRADUATE RESEARCH EXPERIENCE

Department of Speech, Language, and Hearing Sciences, University of Connecticut

*Speech Perception and Language Development Laboratory*

Undergraduate Laboratory Manager

August 2016 – May 2018

- Utilized Praat to analyze the formant structure and voice onset time (VOT) within monolingual and bilingual participants' speech signals in infant directed speech and adult directed speech
- Used Microsoft Excel to convert and organize the collected data for analysis
- Combined all data to suggest how the properties of monolingual and bilingual caregivers' speech input influence the number of words the corresponding infants later produce
- Led electroencephalography experimental sessions, including cap placement, gelling, impedance measures, digitization, and brain data monitoring, to gather ERP data towards discovering the brain's role in bilinguals' speech perception when speech sounds are presented among various phonetic contexts
- Created and led poster presentations on synthesized data at university conferences, including Language Fest and Frontiers in Undergraduate Research
- Oversaw the progress of the remaining undergraduate lab members and assist themed with any questions or difficulties
- Employed effective communication skills between the professor and undergraduate students to ensure efficiency and completion of tasks
- Assisted Dr. Adrian Garcia-Sierra with laboratory, as well as academia, duties

Department of Speech, Language, and Hearing Sciences, University of Connecticut

*Aural Rehabilitation Laboratory*

Research Assistant

January 2017 – August 2018

- Collaborated with a doctoral student in her research project concerning how well children perceive sentences with background noise
- Administered consent and audiological procedures such as pure tone audiometry, tympanometry, otoscopy, the Peabody Picture Vocabulary Test (PPVT), as well as the main paradigm within MATLAB
- Utilized the Fonix Test Box to evaluate battery drainage during simulated hearing aid use
- Assisted Dr. Kathleen Cienkowski in her current research projects concerning battery counseling and usage when dispensing hearing aids

### POSTER PRESENTATIONS

Cienkowski, K., Benoit, L., DiFrancesco, J., Woodruff, T., **Wig, N.** (2018, November). *Battery Education for Patients: Clinician Practices*. American Speech-Language-Hearing Association Convention, Boston, MA.

**Wig, N.**, Marmolejos, A., Sabo, K., Garcia-Sierra, A. (2018, April). *The role of frontal brain areas in bilinguals' speech perception between different language contexts*. Language Fest, Storrs, CT.

**Wig, N.**, Marmolejos, A., Sabo, K., Garcia-Sierra, A. (2018, April). *The role of frontal brain areas in bilinguals' speech perception between different language contexts*. Frontiers in Undergraduate Research, Storrs, CT.

**Wig, N.**, Tozzi, A., Singh, P., Garcia-Sierra, A. (2017, April). *Bilingual caregivers' Spanish vowel space area affects later word production*. Language Fest, Storrs, CT.

**Wig, N.**, Tozzi, A., Singh, P., Garcia-Sierra, A. (2017, April). *The three most attractive vowels to infants: How bilingual caregivers' speech signal influences later word production*. Frontiers in Undergraduate Research, Storrs, CT.

## **PROFESSIONAL EXPERIENCE**

Connecticut Children's Medical Center, Hartford and Farmington, CT

Volunteer

June – August 2016

- Collaborated with the audiologists to fulfill their needs, including setting up the booths for each patient and organizing the hearing aids
- Created informational shadowboxes throughout the hospitals to inform patients and parents about the services an audiologist provides as well as the devices available to help the patient
- Observed patients' appointments while incorporating course knowledge to enhance my knowledge of the profession

Department of Speech, Language, and Hearing Sciences, University of Connecticut

*Speech Perception and Language Development Laboratory*

Pre-Doctoral Research Assistant

August 2018 – Present

- Applied for the NSF GRFP to be awarded in the upcoming year for a project interested in exploring how Spanish-English bilinguals adjust cognitive weights of specific linguistic cues, such as voice onset time, fundamental frequency and grammar, in response to the immediate environment to promote efficient speech processing among neural representations for two languages
- Synthesize ideas from scholarly articles in addition with preliminary EEG results to prepare papers to be considered for publication in journals like *Journal for Acoustic Society of America*
- Train incoming lab members on all steps of an electroencephalography procedure
- Audit Dr. Garcia-Sierra's undergraduate class titled "Speech and Language Acquisition" to prepare for a future teaching assistant position

## **PROFESSIONAL AFFILIATIONS**

National Student Speech Language and Hearing Association August 2014 – Present

- University of Connecticut Chapter President, August 2017 – May 2018

## **HONORS AND AWARDS**

2017 – 2018

Babbidge Scholar

2017

Language Fest Undergraduate Best Poster Award

2016

New England Scholar

Fall 2014 – May 2018

Dean's List

Fall 2014 – May 2018

Presidential Scholar