

## CURRICULUM VITAE

### **Amanda M. Hampton Wray**

Department of Communication Science & Disorders  
University of Pittsburgh

#### **EDUCATION**

- 2011 Ph.D., Cognitive Neuroscience, Purdue University, West Lafayette, IN  
Dissertation: Cognitive and language proficiencies predict variability in neural activity mediating semantic and syntactic processing in children
- 2004 M.S., Speech-Language Pathology, Purdue University, West Lafayette, IN  
Thesis: Non-linguistic auditory processing in adults who stutter
- 2002 B.S., Communication Sciences & Disorders, Speech-Language Pathology & Audiology, The University of Texas at Austin, Austin, TX

#### **ACADEMIC POSITIONS**

- 2019-present Assistant Professor  
Department of Communication Science & Disorders,  
University of Pittsburgh  
Faculty Affiliate, Center for the Neural Bases of Cognition (CNBC)
- 2014-2019 Assistant Professor  
Department of Communicative Sciences & Disorders,  
Michigan State University  
Faculty Member, Cognitive Science Program  
Faculty Member, Center for Research in Autism, Intellectual, and Neurodevelopmental Disabilities (C-RAIND)
- 2012-2013 Adjunct Faculty  
Department of Psychology, University of Oregon
- 2011-2014 Postdoctoral Research Associate  
Brain Development Lab, University of Oregon
- 2011 Postdoctoral Research Associate  
Neural Systems for Language Processing Lab, Purdue University
- 2005-2011 Graduate Research Assistant  
Neural Systems for Language Processing Lab, Purdue University
- 2009, 2010 Graduate Teaching Assistant  
Department of Speech, Language, and Hearing Sciences,  
Purdue University

**CLINICAL POSITIONS**

- 2004-2005 Speech-Language Pathologist, University Hospital, Reeves Rehabilitation Center, San Antonio, TX
- 500-bed Level I Trauma Center and Teaching Hospital serving South Texas
  - Member of the acute care, inpatient, and outpatient rehabilitation teams
  - Responsible for bedside and MBSS swallowing diagnostics and treatment, and language, speech, and cognitive evaluations and therapy

**LICENSE AND CERTIFICATION**

- 2019-present Commonwealth of Pennsylvania, License in Speech-Language Pathology (#SL014845)
- 2004-present American Speech-Language-Hearing Association Certificate of Clinical Competence, CCC-SLP (#12101089)

**AWARDS AND HONORS**

- 2021 ASHA Annual Convention Meritorious Poster Award, Washington DC
- 2017 Special Foreign Travel Fund Award, Michigan State University, Oxford Disfluency Conference, Oxford, UK
- 2013-2018 National Institutes of Health Loan Repayment Program Award (NIH LRP) & two Competitive Renewals
- 2016 ASHA Annual Convention Meritorious Poster Award, Philadelphia, PA
- 2011 Wilson Travel Award, Purdue University, National Stuttering Association Research Symposium, Fort Worth, Texas
- 2010 Wilson Travel Award, Purdue University, American Speech-Language-Hearing Association Annual Convention, Philadelphia, Pennsylvania
- 2010 Event-Related Brain Potential (ERP) Boot Camp Scholarship, The Center for Mind and Brain, University of California, Davis
- 2010 Wilson Travel Award, Purdue University, Annual Cognitive Neuroscience Society Meeting, Montréal, Canada
- 2009-2010 Alumni and Friends Scholarship, Purdue University, Department of Speech, Language, and Hearing Sciences
- 2006-2008 NIH Graduate Training Fellowship, Purdue University Grant # - T32 DC00030

2004-2006 Frederick N. Andrews Fellowship, Purdue University

### **MEMBERSHIP IN ACADEMIC AND PROFESSIONAL SOCIETIES**

2019-present Pennsylvania Speech-Language-Hearing Association  
 2018-present Society for Psychophysiological Research  
 2016-present Michigan Speech-Language-Hearing Association  
 2014-present Society for Research in Child Development  
 2011-present The Society for the Neurobiology of Language  
 2011-present Society for Neuroscience  
 2006-present Cognitive Neuroscience Society  
 2002-present American Speech-Language-Hearing Association

### **PEER REVIEWED JOURNAL PUBLICATIONS** (underline denotes mentee co-authors)

1. Caruso, V., **Hampton Wray, A.**, Lescht, E., & Chang, S.-E. (under review). Neural oscillatory activity and connectivity in children who stutter during a non-speech motor task. *Journal of Neurodevelopmental Disorders*.
2. Liu, Y., **Hampton Wray, A.**, Hall, M., Lescht, E., Gehring, W., Fitzgerald, K. D., & Chang, S.-E. (under review). Altered brain responses to errors in children who stutter. *Journal of Fluency Disorders*.
3. Roark, C., Lescht, E., **Hampton Wray, A.**, & Chandrasekaran, B. (in press). Auditory and visual category learning in children and adults. *Developmental Psychology*.
4. Lewin, K. M., Meshi, D., Aladé, F., Lescht, E., Herring, C., Devaraju, D. S., & **Hampton Wray, A.** (2023). Children's screentime is associated with reduced P2 and P3 amplitudes during an inhibitory control task. *Frontiers in Cognition*, 2, 1018096.
5. Tichenor, S. E., **Hampton Wray, A.**, Ravizza, S., & Yaruss, S. (2022). Individual differences in working memory capacity in adults who stutter. *Journal of Communication Disorders*, 100, 106273.
6. Lescht, E., Venker, C., McHaney, J., Bohland, J., & **Hampton Wray, A.** (2022). Novel word recognition in childhood stuttering. *Topics in Language Disorders*, 42, 41-56.
7. Devaraju, D. S., Kemp, A., Eddins, D. A., Shrivastav, R., Chandrasekaran, B., & **Hampton Wray, A.** (2021). Effects of task demands on neural correlates of acoustic and semantic processing in challenging listening conditions. *Journal of Speech, Language, & Hearing Research*, 64, 3697-3706.
8. **Hampton Wray, A.**, & Spray, G. (2020). Neural processes underlying nonword rhyme differentiate eventual stuttering persistence and recovery. *Journal of Speech, Language, & Hearing Research*, 63, 2535-2554.

9. Chandler, M. C., McGowan, A. L., Payne, B. R., **Hampton Wray, A.**, & Pontifex, M. B. (2019). Aerobic fitness relates to differential attentional but not language-related cognitive processes. *Brain & Language*, *198*, 1-9.
10. Kemp, A., Eddins, D., Shrivastav, R., & **Hampton Wray, A.** (2019). Effects of listening difficulty on neural processes underlying semantics: An event related potentials study. *Journal of Speech, Language, & Hearing Research*, *62*, 367-386.
11. O'Neil, L. V., Pakulak, E., Bell, T. A., Fanning, J., Holmes, K. B., Gaston, M., Gomsrud, M., **Hampton Wray, A.**, Klein, S., Longoria, Z., Reynolds, M. M., Soto, A., Stevens, C., & Neville, H. (2019). Creating Connections between Researchers and Educators. *Journal of Cognition & Development*, *20*, 110-133.
12. Kreidler, K., **Hampton Wray, A.**, Usler, E., & Weber, C. (2017). Neural indices of semantic processing in early childhood distinguish eventual stuttering persistence and recovery. *Journal of Speech, Language, & Hearing Research*, *60*, 3118-3134.
13. Pakulak, E., **Hampton Wray, A.**, Longoria, Z., Garcia Isaza, A., Stevens, C., Bell, T., Burlingame, S., Klein, S., Berlinski, S., Attanasio, O., & Neville, H. (2017). Cultural adaptation of a neurobiologically-informed intervention in local and international contexts. *New Directions for Child & Adolescent Development*, *158*, 81-92.
14. Isbell, E., Stevens, C., Pakulak, E., **Hampton Wray, A.**, Bell, T., & Neville, H. (2017). The neuroplasticity of selective attention: Research foundations and preliminary evidence for a gene by intervention interaction. *Proceedings of the National Academy of Sciences*, *114*, 9247-9254.
15. **Hampton Wray, A.**, Stevens, C., Pakulak, E., Isbell, E., Bell, T., & Neville, H. (2017). Development of selective attention in preschool-age children from lower socioeconomic status backgrounds. *Developmental Cognitive Neuroscience* *26*, 101-111.
16. Isbell, E., Stevens, C., **Hampton Wray, A.**, Bell, T., & Neville, H. (2016). 5-HTTLPR polymorphism is linked to neural mechanisms of selective attention in preschoolers from lower socioeconomic status backgrounds. *Developmental Cognitive Neuroscience*, *22*, 36-47.
17. Isbell, E., **Hampton Wray, A.**, & Neville, H. (2016). Individual differences in neural mechanisms of selective auditory attention in preschoolers from lower socioeconomic status backgrounds: an event-related potentials study. *Developmental Science*, *19*, 865-880.
18. **Hampton Wray, A.**, & Weber-Fox, C. (2013). Specific aspects of cognitive and language proficiency account for variability in neural indices of semantic and syntactic processing in children. *Developmental Cognitive Neuroscience*, *5*, 149-71.

19. Weber-Fox, C., **Hampton Wray, A.**, & Arnold, H. (2013). Early childhood stuttering and electrophysiological indices of language processing. *Journal of Fluency Disorders*, 38, 206-21.
20. Weber-Fox, C., Leonard, L. B., **Hampton Wray, A.**, & Tomblin, J. B. (2010). Electrophysiological correlates of rapid auditory and linguistic processing in adolescents with specific language impairment. *Brain and Language*, 115, 162-181.
21. Kaganovich, N., **Hampton Wray, A.**, & Weber-Fox, C. (2010). Non-linguistic auditory processing and working memory update in pre-school children who stutter: An electrophysiological study. *Developmental Neuropsychology*, 35, 712-736.
22. **Hampton, A.**, & Weber-Fox, C. (2008). Non-linguistic auditory processing in stuttering: Evidence from behavior and event-related brain potentials. *Journal of Fluency Disorders*, 33, 253-273.
23. Weber-Fox, C. & **Hampton, A.** (2008). Stuttering and natural speech processing of semantic and syntactic constraints on verbs. *Journal of Speech, Language, and Hearing Research*, 51, 1058-71.

### **BOOK CHAPTERS**

1. **Hampton Wray, A.**, & Isbell, E. (2023). Development and plasticity of selective auditory attention in early childhood. In Newman, A., & Grossi, G. (Eds). *Changing Brains: Essays on Neuroplasticity in Honor of Helen Neville*.
2. Pakulak, E., & **Hampton Wray, A.** (2018). Biological bases of language development. In Tremblay, R. E., Barr, R. G., Peters, R. De V., & Boivin, M., (Eds). *Encyclopedia on Early Childhood Development* [online]. Montreal, Quebec: Centre of Excellence for Early Childhood Development.
3. Pakulak, E., & **Hampton Wray, A.** (2018). Mécanismes biologiques du développement du langage. In Tremblay, R. E., Barr, R. G., Peters, R. De V., Boivin, M. (Eds). *Encyclopédie sur le développement des jeunes enfants* [sur Internet]. Montréal, Québec: Centre d'excellence pour le développement des jeunes enfants.

### **GRANTS AWARDED**

#### **Ongoing**

1. **Neural processing of speech signals in children who stutter.** \$2,505,368  
 NIH-NIDCD R01 3/9/2022-2/28/2027  
 R01DC019904 (Funded)

This project aims to elucidate speech sound processing in children who stutter using an innovative multimodal neuroimaging approach that combines neurophysiological, functional magnetic resonance imaging, and systems-level computational modeling approaches. Findings from this project will provide a mechanistic understanding of speech sound processing and the ways in which these processes are modulated by task demands. Role: Principal Investigator

**2. *Neural oscillations underlying speech perception and production in childhood stuttering.***

\$2,348,397

NIH-NIDCD R01

R01DC018283 (Funded)

1/1/2020-12/31/2024

This project aims to determine whether patterns of neural oscillations, specifically in beta and gamma frequencies, are atypical in children who stutter compared to children who do not stutter. Additionally, this project evaluates whether increases in neural oscillatory synchrony can be achieved using rhythmic stimuli and evaluates the effects of speech perception and production.

Role: Co-Investigator (PI: S. Chang)

**3. *Neurophysiological correlates of selective attention and speech perception in children with hearing loss.***

\$20,000

Pennsylvania Lions Hearing Research Foundation Research Grant

Funded

8/1/2020-7/31/2023

This project aims to evaluate neural processes for selective attention, speech perception in complex sound environments, and relationships between these skills, in children with severe hearing loss.

Role: Co-Principal Investigator (Co-PI: N. Corbin)

**Under Review**

**1. *A consortium for research on the neuroscience of stuttering (ACORNS).*** \$11,777,716

NIH NIDCD P50

Pending

12/01/2023-11/30/2028

This P50 center grant will establish the first stuttering research center in the US across five universities. The goals of the project are to establish a large-scale neuroimaging dataset from which to determine biomarkers of stuttering and to apply neurocomputational approaches to identify neural subtypes and individual-specific predictions of stuttering.

Role: Co-I, Site PI (PI: S. Chang)

**Completed**

**1. *Supplement to Neural processing of speech signals in children who stutter.***

NIH-NIDCD Diversity Supplement

\$10,913

R01DC019904-01 (Funded)

6/1/2022-8/31/2022

This supplement will support a promising undergraduate research assistant to work in our lab and complete an independent research project within the scope of this grant.

Role: Principal Investigator

**2. *Attentional control in children who stutter.***

\$469,903

NIH-NIDCD, R21 Early Career Research Award

R21DC017227 (Funded)

7/1/2018-6/30/2022

This project employs a comprehensive battery of behavioral and neurophysiological tasks to evaluate attentional control abilities in 5-8-year-old children who stutter.

Role: Principal Investigator

**3. *Supplement to Attentional control in children who stutter.***

\$36,300

NIH-NIDCD R21 Early Career Research Award

7/1/2021-6/30/2022

R21DC017227-04S1 (Funded)

This is a supplement for our project that evaluates attentional control abilities in 5-8-year-old children who stutter.

Role: Principal Investigator

**4. *Psychological and neurophysiological risk markers of persistent stuttering in early development*** \$467,417

NIH-NIDCD, R21 Early Career Research Award

R21DC01668-01 (Funded)

9/26/2017 – 8/31/2021

This project will evaluate early anxiety and a neurophysiological index of error-processing, the error-related negativity (ERN), as predictors of persistent stuttering at one-year follow-up in young children who stutter.

Role: Consultant (PI: Y. Liu)

**5. *Executive function skills in young children with developmental stuttering.*** \$3,000

Blue Cross Blue Shield of Michigan Foundation – Student Award Program

Funded

9/1/2018 – 8/31/2019

This project will evaluate skills associated with executive function, including attention, inhibition, and working memory, in young children, aged 3-6 years, who stutter.

Role: Primary Advisor/Mentor (E. Lescht, PI)

**6. *Neurocognitive basis of disparities in evaluations of speech in African Americans***

Trifecta Initiative Facilitating Funds Award

\$8,000

Funded

12/1/2018-6/31/2020

This project aims to characterize acoustic properties that distinguish standard American English from African American English and determine how listener bias and experiences impact speech perception.

Role: Co-Investigator (L. Dilley, PI)

**7. *A targeted social media-based intervention for young mothers: Developing artificial intelligence and a social media-based intervention to identify and provide adolescent mothers in poverty with support.*** \$5,000

Trifecta Initiative Facilitating Funds Award

Funded

7/1/2017-12/31/2018

This project will develop artificial intelligence to provide a mental health screening for adolescent mothers based on social media and smartphone usage patterns and develop an intervention delivered via social media to target mental health wellness and parenting skills in adolescent mothers living in poverty. This award will support the collection of pilot data and the development of an NIH R01 application for this interdisciplinary project.

Role: Principal Investigator

**8. *Evaluation of a dual-generation intervention on language processing in preschoolers from lower socioeconomic status backgrounds.*** \$4,800

MSU College of Communication Arts & Sciences Summer Research Fellowship

Funded

5/15/2016-8/30/2016

This fellowship funded a master's thesis project evaluating changes in neural processes underlying language in children from lower socioeconomic status backgrounds who participated in a dual-generation intervention program.

Role: Primary Advisor/Faculty Mentor (G. Gilfoy, PI)

**9. *Evaluating listening effort using event-related brain potentials.* \$3,500**

MSU College of Communication Arts & Sciences Summer Research Fellowship

Funded

5/15/2015-8/30/2015

This fellowship funded a master's thesis project evaluating changes in neural processes underlying semantics as a function of listening difficulty, or effort.

Role: Primary Advisor/Faculty Mentor (A. Kemp, PI)

**10. *An interactive art-research experience: Into a study.* \$6,500**

Region Arts & Culture Council, Portland, OR

Funded

5/1/2018-2/28/2019

This grant provides initial funding for an art-neuroscience collaboration investigating the ways in which people visually explore and make decisions regarding works of art, specifically paintings.

Role: Principal Investigator (Co-PIs: P. Rutz & C. Venker)

**INVITED PRESENTATIONS**

1. **Hampton Wray, A., & Tichenor, S. (2022).** *Advances in therapy approaches for children who stutter.* 13<sup>th</sup> Annual Speech-Language Pathology Symposium, Duquesne University, Pittsburgh, PA.
2. **Hampton Wray, A. (2022).** Brain functions for language in children who stutter. The Stuttering Foundation of America, live webinar.
3. **Hampton Wray, A., & Tichenor, S. (2022).** *Therapy approaches for children who stutter.* University of Pittsburgh CSD Third Thursday Speaker Series, live webinar.
4. **Hampton Wray, A., Walsh, B., & Chang, S.-E. (2019).** *Neuroimaging research examining neural bases of childhood stuttering research.* A symposium presented at the Michigan Speech-Language-Hearing Association Annual Conference, Lansing, MI.
5. **Hampton Wray, A. (2018).** *Development of neural processes for language.* Interdisciplinary Forum: Interdisciplinary Approaches to Music and Language, Michigan State University.
6. **Hampton Wray, A. (2018).** *Neural processes supporting language in children.* Trifecta Open House, Michigan State University.
7. **Hampton Wray, A. (2017).** *Development of neural processes for selective attention in children from lower socioeconomic status backgrounds.* Human Development Initiative, Michigan State University.



8. **Hampton Wray, A.** (2015). *Development of neural processes underlying language and selective attention*. Inaugural Cognitive Science Distinguished Speakers Roundtable, Cognitive Science Program, Michigan State University.
9. **Hampton Wray, A.** (2011). *Neural indices for non-linguistic and linguistic processing in young children who stutter: Evidence from event-related brain potentials*. National Stuttering Association Applied Research Symposium on Stuttering, Fort Worth, TX.

### **PUBLISHED ABSTRACTS & CONFERENCE PRESENTATIONS**

(underline denotes student co-authors)

1. Parker, A, McHaney, J, Zilong, X, Chandrasekaran, B, & **Hampton Wray, A.** (2023). *Cortical tracking of continuous speech-in-noise: Children's use of linguistic and acoustic information*. Poster session presented at the Annual MidWinter Meeting of the Association for Research in Otolaryngology, Orlando, FL.
2. Parfitt, M., Corbin, N., Zdobinski, W., Chandrasekaran, B., Sitek, K., Cahalan, L., Roark C., **Hampton Wray, A.**, & Wirt, T. (2022). *Acoustic processing contributes to talker identification in children with hearing loss*. Poster session presented at the American Speech-Language-Hearing Association Annual Convention, New Orleans, LA.
3. Roark, C., Lescht, E., **Hampton Wray, A.**, Chandrasekaran, B. (2022). *Auditory and visual category learning in children*. Talk presented at the Cognitive Science Society Annual Conference, Toronto, ON.
4. Lescht, E., Roark, C., Devaraju, D.S., Chandrasekaran, B., & **Hampton Wray, A.** (2022). *Auditory category learning in adults who stutter*. Poster session presented at the Joint World Congress on Stuttering and Cluttering, Montreal, QC.
5. Devaraju, D.S., Lescht, E., Gnanateja, G. N., Chandrasekaran, B., & **Hampton Wray, A.** (2022). *Attention effects on cortical tracking of speech envelop vary with age in children who stutter*. Technical research talk presented at the Joint World Congress on Stuttering and Cluttering, Montreal, QC.
6. Richardson, D., Rodas De Leon, N., **Hampton Wray, A.**, & Isbell, E., (2022). Evaluating an automated ICA component classifier (ICLabel) for use with pediatric EEG data. Poster presented at the Cognitive Neuroscience Society Annual Conference, San Francisco, CA.
7. Rodas De Leon, N. E., Isbell, E., **Hampton Wray, A.**, Stevens, C., Santillian, J., & Pakulak, E. (2022). *Emergent bilingualism and neurodevelopment of selective attention in children from lower socioeconomic backgrounds*. Poster presented at the Cognitive Neuroscience Society Annual Conference, San Francisco, CA.
8. Caruso, V., **Hampton Wray, A.**, Lescht, E., Lui, Y., Garnett, E., & Chang, S. E. (2022). *Dynamics of neural oscillations in children who stutter performing a non-speech motor task*. Research talk presented at the Conference on Motor Speech, Charleston, SC.

9. Caruso, V., **Hampton Wray, A.**, Lescht, E., Lui, Y., Garnett, E., & Chang, S. E. (2021). *Neural oscillations and synchrony during a non-speech motor task in children who stutter*. Technical research talk presented at the American Speech-Language-Hearing Association Annual Convention, Washington DC.
10. Lui, Y., **Hampton Wray, A.**, Lescht, E., Hall, M., Fitzgerald, K., & Chang, S. E. (2021). *Alteration of brain response to errors in children who stutter*. Technical research talk presented at the American Speech-Language-Hearing Association Annual Convention, Washington DC.
11. Devaraju, D. S., Lescht, E., & **Hampton Wray, A.** (2021). *Neural oscillatory mechanisms underlying inhibitory control in children who stutter*. Poster session presented at the American Speech-Language-Hearing Association Annual Convention, Washington DC. Meritorious Poster Award
12. Lescht, E., Bohland, J., Sheppard, M., Garnett, E., Chang, S. E., & **Hampton Wray, A.** (2021). *Nonword repetition error pattern analysis in children who stutter*. Poster session presented at the American Speech-Language-Hearing Association Annual Convention, Washington DC.
13. Aladé, F., Meshi, D., Herring, C., Lewin, K., Lescht, E., & **Hampton Wray, A.** (2021). *Changes in time, platform, and genre of children's media use due to the COVID-19 pandemic*. Symposium presented as part of the panel entitled "From birth to tech: Media use during transitions in early childhood" at the annual meeting of the National Communication Association, Seattle, WA.
14. **Hampton Wray, A.**, Lescht, E., Devaraju, D. S., McKenzie, M., Gnanateja, G. N., Chandrasekaran, B. (2021). *Neural markers of selective auditory attention in childhood stuttering*. Research paper session presented at the Oxford Disfluency Conference, Oxford, UK.
15. Tichenor, S. E., **Hampton Wray, A.**, Ravizza, S., Yaruss, J. S. (2021). *Differentiating word-form encoding and working memory differences in adults who stutter*. Research paper session presented at the Oxford Disfluency Conference, Oxford, UK.
16. Devaraju, D. S., Lescht, E., **Hampton Wray, A.** (2021). *Neural markers of inhibitory control in children who stutter during a visual go/no-go task*. Poster session presented at the Oxford Disfluency Conference, Oxford, UK.
17. Lescht, E., Venker, C., McHaney, J. R., **Hampton Wray, A.** (2021). *Novel word learning in children who stutter*. Poster session presented at the Oxford Disfluency Conference, Oxford, UK.
18. **Hampton Wray, A.**, Lescht, E., & Devaraju, D. S. (2020) *Phonology and attention in stuttering*. Research paper session presented at 3rd Annual Great Lakes Stuttering Research Consortium, East Lansing, MI (virtual).

19. **Hampton Wray, A., Lescht, E., Devaraju, D., McKenzie, M., Gnanateja, G. N., & Chandrasekaran, B. (2020).** *Neurophysiological indices of selective auditory attention in children who stutter.* Poster session presented at the American Speech-Language-Hearing Association Annual Convention, San Diego, CA. (Convention cancelled d/t COVID-19)
20. **Lescht, E., Venker, C., & Hampton Wray, A. (2020).** *Nonword learning in children who stutter.* Poster session presented at the American Speech-Language-Hearing Association Annual Convention, San Diego, CA. (Convention cancelled d/t COVID-19)
21. **Devaraju, D., Lescht, E., & Hampton Wray, A. (2020).** *Neural markers of inhibitory control in children who stutter during a visual go/no-go task.* Poster session presented at the American Speech-Language-Hearing Association Annual Convention, San Diego, CA. (Convention cancelled d/t COVID-19)
22. **Devaraju, D., Chandrasekaran, B., Kemp, A., Shrivastav, R., & Hampton Wray, A. (2020).** *Listening effort modulates neural tracking of acoustic cues in speech.* Poster session presented at the American Speech-Language-Hearing Association Annual Convention, San Diego, CA. (Convention cancelled d/t COVID-19)
23. **Tichenor, S., Hampton Wray, A., Ravizza, S., & Yaruss, S. (2020).** *Differentiating word-form encoding and working memory differences in adults who stutter.* Poster session presented at the American Speech-Language-Hearing Association Annual Convention, San Diego, CA. (Convention cancelled d/t COVID-19)
24. **Lescht, E., Venker, C., & Hampton Wray, A. (2020).** *Word learning in children who do and do not stutter.* Symposium presented at the Pennsylvania Speech-Language-Hearing Association Annual Convention, Pittsburgh, PA. (Conference cancelled d/t COVID-19)
25. **Russcher, S., Lescht, E., Johnson, C., & Hampton Wray, A. (2020).** *Parental reports of attention and inhibition skills in children who stutter.* Poster session presented at the Michigan Speech-Language-Hearing Association Annual Conference, Troy, MI. (Conference cancelled d/t COVID-19)
26. **Nagy, S., Kemp, A., & Hampton Wray, A. (2020).** *Relationships between cognitive proficiencies and semantic processing in difficult listening environments.* Poster session presented at the Michigan Speech-Language-Hearing Association Annual Conference, Troy, MI. (Conference cancelled d/t COVID-19)
27. **Russcher, S., Lescht, E., Johnson, C., & Hampton Wray, A. (2020).** *Parental reports of attention and inhibition skills in children who stutter.* Poster session presented at the Michigan State University Undergraduate Research & Arts Forum, East Lansing, MI. (Conference cancelled d/t COVID-19)

28. **Hampton Wray, A., & Lescht, E.** (2019). *Selective auditory attention in young children who stutter*. Poster session presented at the American Speech-Language-Hearing Association Annual Convention, Orlando, FL.
29. **Lescht, E., & Hampton Wray, A.** (2019). *Relationships between parent report and behavioral performance in developmental stuttering*. Poster session presented at the American Speech-Language-Hearing Association Annual Convention, Orlando, FL.
30. **Nagy, S., Kemp, A., & Hampton Wray, A.** (2019). *Relationships between cognitive proficiencies and semantic processing in difficult listening environments*. Poster session presented at the American Speech-Language-Hearing Association Annual Convention, Orlando, FL.
31. **Haver, A., Caramagno, L., Lescht, E., & Hampton Wray, A.** (2019). *Neural correlates and parental reports of attention in children*. Poster session presented at the Michigan State University Undergraduate Research & Arts Forum, East Lansing, MI.
32. **Haver, A., Caramagno, L., Lescht, E., & Hampton Wray, A.** (2019). *Neural correlates and parental reports of attention in children*. Poster session presented at the Michigan Speech-Language-Hearing Association Annual Conference, East Lansing, MI.
33. **Lescht, E., & Hampton Wray, A.** (2018). *Relationships between aspects of executive function in developmental stuttering*. Poster session presented at the American Speech-Language-Hearing Association Annual Convention, Boston, MA.
34. **Spray, G. J., & Hampton Wray, A.** (2018). *Neural processes underlying non-word rhyme differentiate persistence and recovery in young children who stutter*. Poster session presented at the American Speech-Language-Hearing Association Annual Convention, Boston, MA.
35. **Alain, C., Alho, K., Hampton Wray, A., & Simon, J.** (2018). *Understanding the role of attention and memory at the cocktail party*. Symposium presented at the annual meeting of the Society for Psychophysiological Research, Quebec City, QC.
36. **Chandler, M. C., McGowan, A. L., Hampton Wray, A., Payne, B. R., & Pontifex, M. B.** (2018). *The relationship between aerobic fitness and neuroelectric indices of reading in college-aged adults*. Poster session presented at the annual meeting of the Society for Psychophysiological Research, Quebec City, QC, Canada.
37. **Spray, G. J., & Hampton Wray, A.** (2018). *Neurophysiological processes underlying phonological awareness in children who stutter*. Poster session presented at the International Conference on Stuttering, Rome, Italy.
38. **Lescht, E., & Hampton Wray, A.** (2018). *Attention and working memory skills in young children who stutter*. Poster session presented at the Inaugural Joint World Congress of the International Cluttering Association (ICA), International Fluency Association (IFA) and International Stuttering Association (ISA), Hiroshima, Japan.

39. Spray, G. J., & **Hampton Wray, A.** (2018). *Neural processes underlying phonological awareness differentiates persistence and recovery in young children who stutter*. Research paper presented at the Inaugural Joint World Congress of the International Cluttering Association (ICA), International Fluency Association (IFA) and International Stuttering Association (ISA), Hiroshima, Japan.
40. Nagy, S., Pakulak, E., & **Hampton Wray, A.** (2018). *Relationships between cognitive proficiencies and neural processes for language in preschool-age children from lower socioeconomic status backgrounds*. Poster session presented at the Michigan State University Undergraduate Research & Arts Forum, East Lansing, MI.
41. Madynski, M., Caramagno, L., Roehl, L., & **Hampton Wray, A.** (2018). *Relationships between behavioral performance and nonlinguistic auditory processing in young children*. Poster session presented at the Michigan State University Undergraduate Research & Arts Forum, East Lansing, MI.
42. Lescht, E. & **Hampton Wray, A.** (2018). *Executive function in children who do and do not stutter*. Poster session presented at the Michigan Speech-Language-Hearing Association Annual Conference, Kalamazoo, MI.
43. Spray, G. J. & **Hampton Wray, A.** (2018). *Neurophysiological processes underlying phonological awareness in children who stutter*. Poster session presented at the Michigan Speech-Language-Hearing Association Annual Conference, Kalamazoo, MI.
44. Roehl, L. & **Hampton Wray, A.** (2018). *Neural systems supporting non-linguistic auditory processing in young children who persist and recover from stuttering*. Poster session presented at the Michigan Speech-Language-Hearing Association Annual Conference, Kalamazoo, MI.
45. Rose, V. & **Hampton Wray, A.** (2018). *The development of rhyme processing in preschool-age children*. Poster session presented at the Michigan Speech-Language-Hearing Association Annual Conference, Kalamazoo, MI. **Outstanding Student Poster Award**
46. Nagy, S., Pakulak, E., & **Hampton Wray, A.** (2018). *Relationships between cognitive proficiencies and neural processes for language in preschool-age children from lower socioeconomic status backgrounds*. Poster session presented at the Michigan Speech-Language-Hearing Association Annual Conference, Kalamazoo, MI.
47. Madynski, M., Caramagno, L., Roehl, L., & **Hampton Wray, A.** (2018). *Relationships between behavioral performance and nonlinguistic auditory processing in young children*. Poster session presented at the Michigan Speech-Language-Hearing Association Annual Conference, Kalamazoo, MI.

48. Saunders, K., & Hampton Wray, A. (2018). *Relationships between cognitive proficiencies and neural processes underlying language in preschool-age children*. Poster session presented at the 22<sup>nd</sup> Annual Posters on the Hill, Washington D.C.
49. Roehl, L., & **Hampton Wray, A.** (2017). *Neural systems supporting non-linguistic auditory processing in young children who persist and recover from stuttering*. Poster session presented at the American Speech-Language-Hearing Association Annual Convention, Los Angeles, CA.
50. Rose, V., & **Hampton Wray, A.** (2017). *The development of neural processes for rhyme in young children*. Poster session presented at the American Speech-Language-Hearing Association Annual Convention, Los Angeles, CA.
51. Spray, G., Rose, V., Weber, C., & **Hampton Wray, A.** (2017). *Neural systems mediating phonological awareness help differentiate persistence or recovery in young children who stutter*. Poster session presented at the American Speech-Language-Hearing Association Annual Convention, Los Angeles, CA.
52. Cychyk, L., Pakulak, E., **Hampton Wray, A.**, & Neville, H. (2017). *Parental stress, language input, and language development of Spanish-speaking preschoolers in Head Start*. Poster session presented at the American Speech-Language-Hearing Association Annual Convention, Los Angeles, CA.
53. **Hampton Wray, A.**, Spray, G., Rose, V., & Weber, C. (2017). *Neural processes underlying phonological awareness helps distinguish eventual persistence and recovery in developmental stuttering*. Research paper presented at the 11<sup>th</sup> Oxford Disfluency Conference, Oxford, UK.
54. **Hampton Wray, A.**, & Pakulak, E., Co-Chairs. (2017). *Inequality and future directions in research on the neuroplasticity of selective attention in children*. Symposium presented at the Society for Research in Child Development Biennial Meeting, Austin, TX.
55. **Hampton Wray, A.**, Roehl, L., Pakulak, E., Isbell, E., Bell, T., & Neville, H. (2017). *Neural systems for selective attention differentially associate with cognitive performance in children from lower SES backgrounds*. Symposium presented at the Society for Research in Child Development Biennial Meeting, Austin, TX.
56. Isbell, E., Stevens, C., **Hampton Wray, A.**, Bell, T., & Neville, H. (2017). *5-HTTLPR polymorphism linked to neural mechanisms of selective attention in preschoolers from lower SES backgrounds*. Symposium presented at the Society for Research in Child Development Biennial Meeting, Austin, TX.
57. Stevens, C., **Hampton Wray, A.**, Pakulak, E., Isbell, E., Bell, T., & Neville, H. (2017). *Development of selective attention in children from lower SES backgrounds*. Symposium presented at the Society for Research in Child Development Biennial Meeting, Austin, TX.

58. Stevens, C., Pakulak, E., Bell, T., Fanning, J., Klein, S., Isbell, E., Longoria, Z., **Hampton Wray, A.**, & Neville, H. (2017). *Expansion and longitudinal assessment of a two-generation intervention for lower SES children: Challenges and implications*. Symposium presented at the Society for Research in Child Development Biennial Meeting, Austin, TX.
59. Santillan, J., Hampton Wray, A., & Neville, H. (2017). *Perceived parenting stress is negatively associated with supportive parenting behaviors in families from lower SES backgrounds*. Poster session presented at the Society for Research in Child Development Biennial Meeting, Austin, TX.
60. Saunders, K. & **Hampton Wray, A.** (2017). *Relationships between cognitive proficiencies and neural processes underlying language in preschool-age children*. Poster session presented at the Michigan State University Undergraduate Research & Arts Forum, East Lansing, MI.
61. Nagy, S., Pakulak, E., Yamada, Y., & **Hampton Wray, A.** (2017). *Language proficiency and neural processes underlying language in young children from lower socioeconomic status backgrounds*. Poster session presented at the Michigan State University Undergraduate Research & Arts Forum, East Lansing, MI.
62. Saunders, K. & **Hampton Wray, A.** (2017). *Relationships between cognitive proficiencies and neural processes underlying language in preschool-age children*. Poster session presented at the Michigan Speech-Language-Hearing Association Annual Conference, Troy, MI.
63. Roehl, L. & **Hampton Wray, A.** (2017). *Neural correlates of auditory processing in typically developing preschool-age children*. Poster session presented at the Michigan Speech-Language-Hearing Association Annual Conference, Troy, MI.
64. Nagy, S., Pakulak, E., Yamada, Y., & **Hampton Wray, A.** (2017). *Language proficiency and neural processes underlying language in young children from lower socioeconomic status backgrounds*. Poster session presented at the Michigan Speech-Language-Hearing Association Annual Conference, Troy, MI.
65. Spray, G., Rose, V., Weber, C., & **Hampton Wray, A.** (2017). *Phonological awareness in children who stutter: An ERP study*. Poster session presented at the Michigan Speech-Language-Hearing Association Annual Conference, Troy, MI.
66. Gilfoy, G., Pakulak, E., Yamada, Y., Neville, H., & **Hampton Wray, A.** (2017). *Evaluation of a dual-generation intervention on language processing in preschoolers from lower socioeconomic status backgrounds*. Poster session presented at the Michigan Speech-Language-Hearing Association Annual Conference, Troy, MI.
67. Gilfoy, G., Pakulak, E., Yamada, Y., Neville, H., & **Hampton Wray, A.** (2017). *Evaluation of a dual-generation intervention on language processing in preschoolers from lower socioeconomic status backgrounds*. Poster session presented at the Michigan

State University Council of Graduate Students 9th Annual Graduate Academic Conference, East Lansing, MI. **Best Poster Award**

68. **Hampton Wray, A.** & Weber C. (2016). Development of neural processes underlying semantics in children who will persist vs. recover from stuttering. Technical research talk presented at the American Speech-Language-Hearing Association Annual Convention, Philadelphia, PA.
69. Gilfoy, G., Pakulak, E., Yamada, Y., Neville, H., & **Hampton Wray, A.** (2016). *Evaluation of a dual-generation intervention on language processing in preschoolers from lower socioeconomic status backgrounds*. Poster session presented at the American Speech-Language-Hearing Association Annual Convention, Philadelphia, PA.
70. Kemp A., Eddins, D., Shrivastav, R. & **Hampton Wray, A.** (2016). *Neural processes underlying listening effort*. Poster session presented at the American Speech-Language-Hearing Association Annual Convention, Philadelphia, PA.
71. Saunders, K., Rose, V., & **Hampton Wray, A.** (2016). *Relationships between cognitive proficiencies and neural processes underlying language in preschool-age children*. Poster session presented at the American Speech-Language-Hearing Association Annual Convention, Philadelphia, PA. **Meritorious Poster Award**
72. Saunders, K., Rose, V., & **Hampton Wray, A.** (2016). *Verbal working memory and semantic processing in young children: An event-related potential study*. Poster session presented at the Michigan State University University Undergraduate Research & Arts Forum (UURAF), East Lansing, MI. **UURAF First Place Poster Award**
73. Nedanis, A., Chen, E., & **Hampton Wray, A.** (2016). *Relationships between cognitive proficiencies in typically developing children*. Poster session presented at the Michigan State University Undergraduate Research & Arts Forum (UURAF), East Lansing, MI.
74. Roehl, L., Pakulak E., Bell, T., Neville, H., & **Hampton Wray, A.** (2016). *Language abilities and neural processes for selective attention in children from lower SES backgrounds*. Poster session presented at the Michigan State University Undergraduate Research & Arts Forum (UURAF), East Lansing, MI.
75. Kemp, A., Shrivastav, R., Eddins, D., & **Hampton Wray, A.** (2016). *Evaluating listening effort using event-related brain potentials*. Poster session presented at the Michigan Speech-Language-Hearing Association Annual Conference, Grand Rapids, MI.
76. Rose, V., Saunders, K., & **Hampton Wray, A.** (2016). *Verbal working memory and semantic processing in young children: An event-related potential study*. Poster session presented at the Michigan Speech-Language-Hearing Association Annual Conference, Grand Rapids, MI.



77. Roehl, L., Pakulak E., Bell, T., Neville, H., & **Hampton Wray, A.** (2016). *Language abilities and neural processes for selective attention in children from lower SES backgrounds*. Poster session presented at the Michigan Speech-Language-Hearing Association Annual Conference, Grand Rapids, MI.
78. Meconi, C., Pakulak, E., Yamada, Y., Neville, H., & **Hampton Wray, A.** (2016). *Development of language processing in preschoolers from lower socioeconomic status backgrounds: An event-related potential study*. Poster session presented at the Michigan Speech-Language-Hearing Association Annual Conference, Grand Rapids, MI.
79. **Hampton Wray, A.**, Pakulak, E., Yamada, Y., Weber, C., & Neville, H. (2016). *Development of neural processes underlying language subsystems in young children from higher and lower socioeconomic status environments*. Poster session presented at the Cognitive Neuroscience Society Annual Meeting, New York, NY.
80. Santillan, J., **Hampton Wray, A.**, Pakulak, E., Bell, T., & Neville, H. (2016). *Visual working memory capacity predicts auditory selective attention in bilingual adults*. Poster session presented at the Cognitive Neuroscience Society Annual Meeting, New York, NY.
81. Santillan, J., **Hampton Wray, A.**, Pakulak, E., Bell, T., & Neville, H. (2016). *Visual working memory capacity predicts auditory selective attention in bilingual adults*. Poster session presented at the University of Oregon Graduate Research Forum, Eugene, OR. **Best Poster Award**
82. **Hampton Wray, A.** (2015). *Relationships between verbal working memory and neural indices of language processing in children who stutter*. Technical research talk presented at the meeting of the American Speech-Language-Hearing Association Annual Convention, Denver, CO.
83. Kemp, A., Eddins, D., Shrivastav, R., & **Hampton Wray, A.** (2015). *Evaluating listening effort using event-related brain potentials*. Poster session presented at the American Speech-Language-Hearing Association Annual Convention, Denver, CO.
84. Meconi, C., Pakulak, E., Yamada, Y., Neville, H., & **Hampton Wray, A.** (2015). *Development of language processing in preschoolers from lower socioeconomic status backgrounds: An event related potential study*. Poster session presented at the American Speech-Language-Hearing Association Annual Convention, Denver, CO.
85. Roehl, L., Pakulak, E., Bell, T., Neville, H., & **Hampton Wray, A.** (2015). *Relationships between neural processes for selective attention and language in children from lower SES backgrounds*. Poster session presented at the American Speech-Language-Hearing Association Annual Convention, Denver, CO.

86. **Hampton Wray, A.** (2015). *Development of neural processes for language in young children: A longitudinal event-related potential study*. Poster session presented at the Society for the Neurobiology of Language Annual Meeting, Chicago, IL.
87. Isbell, E., **Hampton Wray, A.**, & Neville, H. (2015). *The biological bases of children's self-regulation: Correlates, moderators, and individual differences*. Symposium presented at the Society for Research in Child Development Biennial Meeting, Philadelphia, PA.
88. Stevens, C., Pakulak, E., Yamada, Y., **Hampton Wray, A.**, & Neville, H. (2015). Effects of socioeconomic status on cognition and related neural systems in childhood and adulthood. Symposium presented at the Society for Research in Child Development Biennial Meeting, Philadelphia, PA.
89. Stevens, C., Pakulak, E., Bell, T., Fanning, J., Klein, S., Isbell, E., Longoria, Z., **Hampton Wray, A.**, Karns, C., Guiliano, R., & Neville, H. (2015). *Development, implementation, assessment, and expansion of an intervention for preschoolers from lower SES backgrounds*. Symposium presented at the Society for Research in Child Development Biennial Meeting, Philadelphia, PA.
90. Pakulak, E., Bell, T., Stevens, C., Fanning, J., Klein, S., Isbell, E., Longoria, Z., **Hampton Wray, A.**, Karns, C., Guiliano, R., & Neville, H. (2015). *Implementation of an integrated dual-generation intervention targeting attention and self-regulation in at-risk preschoolers*. Symposium presented at the Society for Research in Child Development Biennial Meeting, Philadelphia, PA.
91. Pakulak, E., Bell, T., Stevens, C., Fanning, J., Klein, S., Isbell, E., Longoria, Z., **Hampton Wray, A.**, Karns, C., Guiliano, R., & Neville, H. (2015). *Assessment and expansion of a dual-generation intervention targeting attention and self-regulation in at-risk preschoolers*. Symposium presented at the Society for Research in Child Development Biennial Meeting, Philadelphia, PA.
92. Beal, D., Maxfield, N., **Hampton Wray, A.**, Frisch, S., & De Nil, L. (2014). *Plasticity: Understanding human capacity for neural and behavioral change and its importance for stuttering treatment*. Two-hour symposium presented at the American Speech-Language-Hearing Association Annual Convention, Orlando, FL.
93. **Hampton Wray, A.**, Pakulak, E., Bell, T., Pierce, A., & Neville, H. (2014). *Relationships between language and neural indices of selective attention in preschoolers from lower SES backgrounds*. Poster session presented at the American Speech-Language-Hearing Association Annual Convention, Orlando, FL.
94. Kreidler, K., **Hampton Wray, A.**, & Weber-Fox, C. (2014). Neural indices of verb-agreement processing in preschool children help predict eventual stuttering persistence and recovery. Poster session presented at the American Speech Language-Hearing Association Annual Convention, Orlando, FL.

95. **Hampton Wray, A.**, Pakulak, E., Bell, T., Isbell, E., Stevens, C., & Neville, H. (2014). *Development of neural mechanisms for selective attention in young children from lower socioeconomic backgrounds*. Poster session presented at the Cognitive Neuroscience Society Annual Meeting, Boston, MA.
96. Pakulak, E., **Hampton Wray, A.**, Santillan, J., Bell, T., Longoria, Z., & Neville, H. (2014). *Neural mechanisms for selective attention in bilingual preschoolers from lower socioeconomic status backgrounds*. Poster session presented at the Cognitive Neuroscience Society Annual Meeting, Boston, MA.
97. **Hampton Wray, A.**, Pakulak, E., Bell, T., Isbell, E., Stevens, C., & Neville, H. (2013). *Development of neural mechanisms for selective attention in young children from lower socioeconomic backgrounds*. Poster session presented at the Society for Neuroscience Annual Meeting, San Diego, CA.
98. Pakulak, E., **Hampton Wray, A.**, Santillan, J., Bell, T., Longoria, Z., & Neville, H. (2013). *Neural mechanisms for selective attention in bilingual preschoolers from lower socioeconomic status backgrounds*. Poster session presented at the Society for Neuroscience Annual Meeting, San Diego, CA.
99. **Hampton Wray, A.**, Pakulak, E., Hammonds, R., & Neville, H. (2012). *Brain awareness week 2012 in Eugene, Oregon: A successful week of neuroscience outreach and activities*. Poster session presented at the Society for Neuroscience Annual Meeting, New Orleans, LA.
100. Neville, H., Pakulak, E., Yamada, Y., & **Hampton Wray, A.** (2012). *Effects of SES on neural mechanisms supporting multiple subsystems for language processing*. Poster session presented at the Society for Neuroscience Annual Meeting, New Orleans, LA.
101. Pakulak, E., Yamada, Y., **Hampton Wray, A.**, Isbell, E., & Neville, H. (2012) *Effects of childhood socioeconomic status on cognition and related neural systems in adulthood*. Poster session presented at the Society for Neuroscience Annual Meeting, New Orleans, LA.
102. **Hampton Wray, A.**, & Weber-Fox, C. (2011). *Cognitive and language proficiencies predict variability in neural activity mediating semantic and syntactic processing in children*. Poster session presented at the Society for Neuroscience Annual Meeting, Washington, D.C.
103. **Hampton Wray, A.**, & Weber-Fox, C. (2011). *Cognitive and language proficiencies predict variability in neural activity mediating semantic and syntactic processing in children*. Poster session presented at the Neuobiology of Language Annual Conference, Annapolis, MD.
104. **Hampton Wray, A.**, & Weber-Fox, C. (2011). *Neural indices of individual variations in*

*language abilities in children*. Poster session presented at the Sigma Xi Graduate Student Research Poster Competition, West Lafayette, IN.

105. **Hampton Wray, A.**, & Weber-Fox, C. (2010). *Neural indices of individual variations in language abilities in children*. Poster session presented at the meeting of the American Speech-Language-Hearing Association Annual Convention, Philadelphia, PA.
106. **Hampton Wray, A.**, & Weber-Fox, C. (2010). *Effects of language proficiency on event-related brain potentials in school-age children*. Poster session presented at the Cognitive Neuroscience Society Annual Meeting, Montréal, Canada.
107. **Hampton, A.**, Spruill III, J. E., Brown, B., & Weber-Fox, C. (2008). *Rhyming behavior & neural correlates in young children who stutter*. Poster session presented at the American Speech-Language-Hearing Association Annual Convention, Chicago, IL.
108. Arnold, H., **Hampton, A.**, Spruill III, J. E., Meier, E., Kubart, K., Nishida, M., & Weber-Fox, C. (2008). *Phrase structure & semantic violation processing in preschool children who stutter: Electrophysiological evidence*. Poster session presented at the American Speech-Language-Hearing Association Annual Convention, Chicago, IL.
109. Kaganovich, N., **Hampton, A.**, Spruill III, J. E., & Weber-Fox, C. (2008). *Non-linguistic auditory processing in preschool children who stutter: An electrophysiological study*. Poster session presented at the American Speech-Language-Hearing Association Annual Convention, Chicago, IL.
110. **Hampton, A.**, Krishnan, A., & Weber-Fox, C. (2008). *Brainstem frequency following responses in adults who stutter*. Poster session presented at the Association for Research in Otolaryngology Mid-Winter Meeting, Phoenix, AZ.
111. **Hampton, A.**, Weber-Fox, C., & Tomblin, B. (2007). *Non-linguistic auditory processing in adolescents with specific and non-specific language impairments: An ERP study of temporal constraints*. Poster session presented at the Cognitive Neuroscience Society Annual Meeting, New York, NY.
112. Weber-Fox, C., **Hampton, A.**, Spruill III, J. E., & Tomblin, B. (2007). *Auditory sentence processing in adolescents with specific and non-specific language impairments: ERPs for semantic and grammatical constraints on verbs*. Poster session presented at the Cognitive Neuroscience Society Annual Meeting, New York, NY.
113. Weber-Fox, C., Spruill III, J. E., Fick, W., **Hampton, A.**, Cochran, E., Leonard, L., & Tomblin, B. (2005). *Linguistic and non-linguistic auditory processing in adolescents with specific language impairment: An ERP study*. Poster session presented at the Cognitive Neuroscience Society Annual Meeting, New York, NY.

## **COMMUNITY OUTREACH**

- 2023 *Counseling in stuttering therapy*, Lunch 'n' Learn Professional Development Series. Children's Hospital of Pittsburgh.
- 2022 *Stuttering Research: Recent Advancements*, Lunch 'n' Learn Professional Development Series. Children's Hospital of Pittsburgh.
- 2022 Allegheny Intermediate Unit Keynote Lecture, Professional Development Series, *Advances in therapy approaches for children who stutter*. Training for regional speech-language pathologists.
- 2022 Training for UPMC pediatricians, *What is Stuttering?*, highlighting how stuttering presents in children and best practices for referrals
- 2022 Present webinar for the Stuttering Foundation of America, *Brain functions for language in children who stutter*, discussing findings from my research program
- 2021 Guest on the Stuttering Foundation of America podcast discussing my current research in stuttering
- 2020 Artist in Residence, Patti & Rusty Rueff School of Design, Art, and Performance, Purdue University, January 26-31, 2020 – acquired data in the art gallery, taught courses and gave presentations and lectures on collaboration between art and science
- 2018 "Communication on Tap" Presenter – College of Communication Arts & Sciences, MSU Science Festival Program. *Language, Electricity, & the Brain*
- 2017-prsnt Collaborated with artist Paul Rutz to develop a research study embedded within an art show to collect data on how people perceive different pieces of art. The shows include brief lectures on the process of art development and research in cognitive neuroscience.
- 2017-prsnt Collaborated with MSU Extension to assist in the development of a dual-generation parent and child intervention designed to serve families in Flint as part of their 5-year grant funded by the USDA
- 2016 "Say It In 7" Presenter – College of Communication Arts & Sciences, MSU Science Festival Program. *Penguins, Electricity, & the Brain*.
- 2012-13 Co-director – Summer Academy to Inspire Learning (SAIL) – Psychology Program
- 2012-13 Director & Coordinator – Brain Awareness Week, Eugene, OR
- 2012-14 University Day, Girls Rule, Meet a Scientist Day
- 2011-13 Science Program to Inspire Creativity & Excellence (SPICE)

**TEACHING*****Courses Taught***

University of Pittsburgh (1 = Strongly Disagree; 2 = Disagree; 3 = Neutral; 4 = Agree; 5 = Strongly Agree)

Nature of Language (CSD 1020) – Undergraduate level course

- Introductory course into the basic components and functions of language and human communication

Fall 2020 (fully online format):

Students: 51                      Instructor Rating: 4.48                      Course Rating: 4.63

Language Development (CSD 1021) – Undergraduate level course

- Introductory course into the current models and typical trajectory of language development

Spring 2023:                      Students: 44                      Instructor Rating:                      Course Rating:

Fluency Disorders (CSD 2072) – Graduate level course

- Fluency disorders in children and adults, including theories underlying the etiology of stuttering, assessment, and intervention across the lifespan

Spring 2020 (course moved online mid-semester d/t COVID-19):

Students: 34                      Instructor Rating: 4.11                      Course Rating: 3.63

Spring 2021 (fully online format):

Students: 30                      Instructor Rating: 4.42                      Course Rating: 4.78

Spring 2022:                      Students: 37                      Instructor Rating: 3.93                      Course Rating: 3.97

Spring 2023:                      Students: 34                      Instructor Rating:                      Course Rating: 3

Masters Research & Thesis (CSD 2000) – Graduate level course

Fall 2022

Spring 2023

Doctoral Research Practicum (CSD 3971) – Graduate level course

Fall 2019

Spring 2020

Doctoral Independent Study (CSD 2990) – Graduate level course

Fall 2020

Spring 2021

Doctoral Teaching Practicum (CSD 2970) – Graduate level course

Fall 2020

Spring 2021

Doctoral Comprehensive Examination (CSD 2972) – Graduate level course

Spring 2021

Summer 2021

Doctoral Dissertation Research (CSD 3000) – Graduate level course

Fall 2021  
 Spring 2022  
 Summer 2022  
 Fall 2022  
 Spring 2023  
 Summer 2023

Michigan State University (1 = Superior; 2 = Above Average; 3 = Average; 4 = Below Average; 5 = Inferior)

Neuroanatomy and Neurophysiology of Speech, Language, & Hearing (CSD 813) – Graduate level course

- Structure and function of the central nervous system and the ways in which it relates to communication disorders

Fall 2018: Students: 31      Instructor Rating: 3.00      Course Rating: 2.41

Acquired Language Disorders (CSD 815) – Graduate level course

- Etiology, assessment, and intervention strategies for acquired language disorders, including aphasia and related disorders

Spring 2019: Students: 30      Instructor Rating: 1.78      Course Rating: 1.69

Spring 2018: Students: 32      Instructor Rating: 1.52      Course Rating: 1.64

Spring 2017: Students: 32      Instructor Rating: 2.03      Course Rating: 2.01

Spring 2016: Students: 33      Instructor Rating: 2.29      Course Rating: 2.27

Spring 2015: Students: 32      Instructor Rating: 2.05      Course Rating: 2.08

Language Assessment & Intervention: Later Stages (CSD 821) – Graduate level course

- Etiology, assessment, and intervention strategies for language and reading disorders in school-age children, ages 5 and above

Fall 2017: Students: 32      Instructor Rating: 2.25      Course Rating: 2.43

Fall 2016: Students: 32      Instructor Rating: 2.28      Course Rating: 2.38

Fall 2015: Students: 32      Instructor Rating: 1.91      Course Rating: 2.13

Fall 2014: Students: 31      Instructor Rating: 2.15      Course Rating: 2.33

Fluency Disorders (CSD 830) – Graduate level course

- Fluency disorders in children and adults, including theories underlying the etiology of stuttering, assessment, and intervention across the lifespan

Fall 2018: Students: 32      Instructor Rating: 1.70      Course Rating: 1.72

Fall 2017: Students: 32      Instructor Rating: 2.04      Course Rating: 2.15

Fall 2016: Students: 34      Instructor Rating: 2.19      Course Rating: 2.24

Fall 2015: Students: 32      Instructor Rating: 1.81      Course Rating: 2.01

Fall 2014: Students: 31      Instructor Rating: 2.07      Course Rating: 2.22

Doctoral Independent Study (CSD 990) – Graduate level course

Summer 2019  
 Spring 2019  
 Fall 2018  
 Fall 2017 (2 students)

Summer 2016

Special Problems in Neuroscience (NEU 490) – Undergraduate level course  
Fall 2017 (Independent study)

Social Science Internship Course (SSC 493) – Undergraduate level course  
Fall 2019

University of Oregon (5 = Exceptional; 4 = Good; 3 = Adequate; 2 = Somewhat Inadequate; 1 = Unsatisfactory)

Fall 2013 Child Development (PSY 376) – Undergraduate level course

Students: 147 Instructor Rating: 4.18/5 Course Rating: 4.17/5

- Cognitive, physical, social, and emotional development from conception through adolescence

Winter 2013 Cognitive Development (PSY 475/575) – Graduate & undergraduate level course

Students: 58 Instructor Rating: 4.50/5 Course Rating: 4.44/5

- Cognitive development from infancy through adolescence, focusing on early childhood

Fall 2012 Psycholinguistics (PSY 440/540) – Graduate & undergraduate level course

Students: 13 Instructor Rating: 4.00/5 Course Rating: 3.80/5

- Psycholinguistic theories related to language acquisition, comprehension, and production

Purdue University (5 = Exceptional; 4 = Good; 3 = Adequate; 2 = Somewhat Inadequate; 1 = Unsatisfactory)

2009, 2010 Instructor for the laboratory portion of Fundamentals of Speech Production and Perception (SLHS 502) – Graduate level course

Average: Students: 23 Instructor Rating: 4.40/5 Course Rating: 4.15/5

- Facial, head, and neck anatomy, respiratory and laryngeal physiology, vowel and consonant acoustics, and theories of speech perception and production

2002 Graduate Teaching Assistant – Introduction to Clinical Practice in Speech-Language Pathology (SLHS 349) – Undergraduate level course

- Clinical evaluation & therapy techniques, opportunities for obtaining clinical observation hours

## **PROFESSIONAL SERVICE**

### ***Grant Reviewer***

2021-22 Reviewer, NIH NIDCD Fellowship grants

2020 Reviewer, NIH Language & Communication (LCOM) Section

2019, 2022 Reviewer, American Speech-Language-Hearing Foundation Research Grants

2017 Reviewer, American Speech-Language-Hearing Foundation Graduate Student Scholarship Program



2015-17 Reviewer, ASHA Students Preparing for Academic & Research Careers (SPARC) Awards

### **Editorial**

2020-2021-22 Editor, Canadian Journal of Speech-Language Pathology & Audiology  
 Guest Editor, Topics in Language Disorders Special Issue, *Stuttering: Beyond Disfluencies*  
 2018-21 Journal of Speech, Language, & Hearing Research Editorial Board Member (Speech)

### **Journal Peer-Reviewer**

2022 iScience  
 2022 Language, Speech, & Hearing Services in Schools  
 2022 Applied Neuropsychology: Adult  
 2017-2016-2014-17, 21 Developmental Cognitive Neuroscience  
 Journal of Speech, Language, & Hearing Research  
 Journal of Fluency Disorders  
 2019 Pediatrics  
 2017-18 Journal of Psychophysiology  
 2017-18 Journal of Communication Disorders  
 2018 The Neuroscientist  
 2017 Development & Psychopathology  
 2017 Neuroscience Letters  
 2016 Neuropsychologia  
 2015 Journal of Neurodevelopmental Disorders  
 2015 Hearing, Balance, & Communication  
 2013-14 International Journal of Speech-Language Pathology

### **Expert/Science Reviews**

2022 Item Writer - Praxis Speech Language Pathology, Educational Testing Service (ETS)  
 2016 Content expert & film reviewer for neurophysiology content – NOVA (PBS Science series), *School of the Future*

### **Conference Planning & Reviews**

2022-2022 Oxford Dysfluency Conference Scientific Committee  
 Friends One Day Conference, at University of Pittsburgh, hosted and coordinated the event for children who stutter and their families  
 2021- Developed Pitt CSD SLP Speaker Series, monthly 1-hour continuing education seminar for speech pathologists to support increased knowledge of up-to-date and evidence-based practices across the field  
 2021-23 ASHA National Convention Program Committee (Fluency)  
 2020 ASHA National Convention Program Committee (Speech & Language Topic)  
 2014, 19 ASHA National Convention Program Committee (Fluency)  
 2016-22 Reviewer, Society for Research in Child Development (SRCD) Biennial Meeting Conference  
 2016 ASHA Promoting the Next Generation of Researchers Mentor

**COLLEGE & UNIVERSITY SERVICE**University of Pittsburgh

- 2022- Board of Directors, SHRS Center for Interprofessional Studies
- 2022 Center for the Neural Bases of Cognition Reimagining the CNBC Subcommittee
- 2022 SHRS PhD Student Grant Review Committee
- 2020-22 SHRS Interprofessional Education Task Force

Michigan State University

- 2017-18 MSU Symposium on Neural Bases of Communication Organizing Committee
- 2017-18 Trifecta Initiatives Facilitating Funds Awards Reviewer
- 2016 MSU University Undergraduate Research & Arts Forum Judge
- 2015 Responsible Conduct of Research Training Session – Mentor/Trainee Relationships

**DEPARTMENTAL SERVICE**University of Pittsburgh

- 2023- Building Committee, member
- 2022- Director, Graduate Admissions Committee, M.A. Admissions
- 2023- Search committee, appointment stream faculty
- 2022-23 Search committee, CSD Department Chair
- 2022- Graduate Program Curriculum Planning & Revision Committee
- 2022 Search committee, tenure appointment & PhD program director position
- 2021 Search committee, two appointment stream faculty positions
- 2020- Founding Member, Equity, Justice, & Inclusion Committee
- 2020 SLP-Summative Assessment Project Planning & Development Committee
- 2020 Graduate Program Curriculum Planning & Revision Committee
- 2019- Graduate Admissions Committee, M.A. Admissions

Michigan State University

- 2015-19 Graduate Admissions Committee, Ph.D. Admissions
- 2016-19 Graduate Admissions Committee, M.A. Admissions
- 2016 Search committee member, Graduate Program Director
- 2015-19 Graduate Curriculum Committee, M.A. Curriculum
- 2015-19 Graduate Student Advisory Committee
- 2014-19 Clinical Education Committee, member
- 2014-16 Search committee member, two open-rank faculty positions
- 2014-16 Master's Degree Final Examination Revision Committee
- 2015-16 Graduate Curriculum Committee, Ph.D. Curriculum
- 2015-16 Master's Degree Final Examination Preparation Committee

**STUDENTS**

**Advisor** (Department of Communicative Sciences & Disorders unless otherwise noted)

- 2022- Emily Blackburn, primary advisor (MS thesis)

2022-	Sara Worsham, primary advisor, BPhil (honors thesis)
2021-	Isabelle Michaud, primary advisor (MS thesis)
2017-	Erica Lescht, primary advisor (PhD)
2019-20	Megan McKenzie, co-primary advisor, BPhil (honors thesis)
2018-20	Stephanie Nagy, MSU, primary advisor (MA thesis)
2018-19	Gregory Spray, MSU, primary advisor (PhD)
2017-19	Chelsea Johnson, MSU, primary advisor (PhD)
2018-19	Alexa Meier, MSU, primary advisor (MA thesis)
2018-19	Yiling Lui, MSU, primary advisor (PhD)
2016-18	Laney Roehl, MSU, primary advisor (MA thesis)
2016-18	Valerie Rose, MSU, primary advisor (MA thesis)
2015-17	Gabriella Gilfoy, MSU, primary advisor (MA thesis)
2015-16	Laney Roehl, MSU, thesis advisor (senior thesis), Department of Linguistics
2014-16	Amy Kemp, MSU, primary advisor (MA thesis)
2014-16	Claire Meconi, MSU, primary advisor (MA thesis)

### **Student Awards**

2023	Erica Lescht – SHRS PhD Student Award (\$7500)
2023	Sara Worsham – SHRS Undergraduate Summer Research Award (\$2500)
2022	Erica Lescht – American Speech-Language-Hearing Foundation New Century Scholars Doctoral Scholarship (\$10,000)
2022	Erica Lescht – UC Davis/SDSU ERP Boot Camp competitive acceptance and funding
2020	Stephanie Nagy – Michigan Speech-Language & Hearing Foundation Student Scholarship Award (\$800)
2018	Erica Lescht – Strosacker Research Fellowship, Michigan State University – <i>Phonological working memory and word learning in children who stutter: An eye-tracking and behavioral study</i> (\$4000)
2018	Valerie Rose - Michigan Speech-Language & Hearing Association Outstanding Student Poster Presentation Scholarship (\$250)
2017	Laney Roehl – Michigan Speech-Language & Hearing Association Scholarship (\$500)
2017	Gabriella Gilfoy – Michigan Speech-Language & Hearing Foundation Student Scholarship Award (\$700)
2017	Gabriella Gilfoy – Michigan State University Council of Graduate Students 9th Annual Graduate Academic Conference “Best Overall Poster Presentation” (\$500)
2016	Katelan Saunders – ASHA Annual Convention One of the Top Undergraduate Poster Submissions (\$250 Convention Registration)
2016	Gabriella Gilfoy – MSU College of Communication Arts & Sciences Graduate Summer Research Fellowship (\$4800)
2016	Gabriella Gilfoy - Michigan Speech-Language & Hearing Association Scholarship (\$500)
2016	Katelan Saunders & Valerie Rose – University Undergraduate Research & Arts Forum – First Place Poster Award (\$100 each)
2016	Jimena Santillan – University of Oregon Graduate Research Forum Outstanding Poster Award (\$250)

- 2015 Laney Roehl – ASHA Annual Convention Top 10 Undergraduate Poster Submissions (\$250 Convention Registration)
- 2015 Amy Kemp – Michigan Speech-Language & Hearing Association Scholarship (\$500)
- 2015 Amy Kemp – MSU College of Communication Arts & Sciences Graduate Summer Research Fellowship (\$3500)

### ***Committee Member***

(Department of Communication Science & Disorders unless otherwise noted)

- 2022- Monique Tardif, comprehensive exam committee member (PhD)
- 2022- Marissa Lahr, committee member (MS thesis)
- 2022- Jacie McHaney, Pitt, committee member (PhD)
- 2017-22 Chelsea Johnson, MSU, committee member (PhD)
- 2014-20 Gregory Spray, MSU, committee member (PhD)
- 2017-20 Seth Tichenor, MSU, committee member (PhD program)
- 2017-19 Kathryn Gwizdala, MSU, committee member (PhD program), Department of Kinesiology
- 2017-19 Caryn Herring, MSU, committee member (PhD program)
- 2016-19 Russ Banks, MSU, committee member (PhD program)
- 2017-19 Melissa Griffith, MSU, committee member (MA thesis)
- 2016-18 Kaleigh Cammenga, MSU, committee member (MA thesis)
- 2015-18 Xin Yan, MSU, committee member (PhD program)
- 2015-17 Jimena Santillan, University of Oregon, committee member (dissertation), Department of Psychology,
- 2014-18 Elizabeth Weiland, MSU, committee member (PhD program)
- 2015-16 Emily Franklin, MSU, committee member (MA thesis)
- 2014-15 June Westdal, MSU, committee member (dissertation), Department of Counseling, Educational Psychology, & Special Education
- 2014-16 Valeria Rios, MSU, committee member (MA thesis)
- 2014-15 Kaitlyn Ayres, MSU, committee member (MA thesis)

### ***Undergraduate & graduate research assistants***

- 2023- Melina Gioia, Department of CSD, Pitt
- 2023- Lara Yacykewych, Department of CSD, Pitt
- 2023- Gabriella Milano, Department of CSD, Pitt
- 2023- Gabrielle Waugaman, Department of CSD, Pitt
- 2023- Alison Alexis, Department of CSD, Pitt
- 2022- Hannah Neiderhiser, Department of CSD, Pitt
- 2022- Emily Blackburn, Department of CSD, Pitt
- 2022- Madeline Fortunado, Department of CSD, Pitt
- 2022- Marissa Alda, Department of CSD, Pitt
- 2022- Elena Crespo, Department of CSD, Pitt
- 2022- Megan Liu, Department of CSD, Pitt
- 2022- Natalia Nunez, Department of CSD, Pitt
- 2021- Sara Worsham, Department of CSD, Pitt
- 2021- Megan DiCosta, Department of CSD, Pitt
- 2021- Julia Gamarnik, Department of CSD, Pitt

2021- Olivia Lockhart, Department of CSD, Pitt  
 2021- Sophie Slater, Department of CSD, Pitt  
 2020- Taanya Modi, Department of CSD, Pitt  
 2020- Abby Block, Department of CSD, Pitt  
 2020- Tara Murphy, Department of CSD, Pitt  
 2021-22 Gillian Pietrowski, Department of CSD, Pitt  
 2021-22 Leora Wong, Department of CSD, Pitt  
 2020-21 Sarah Hannon, Department of CSD, Pitt  
 2019-21 Janetta Brundage, Department of CSD, Pitt  
 2018-21 Shelby Russcher, Department of Psychology, MSU  
 2020-21 Miranda Lynn, Department of CSD, Pitt  
 2019-20 Emily Hood, Department of CSD, Pitt  
 2019-20 Megan Benish, Department of CSD, Pitt  
 2016-20 Alexandra Haver, Professorial Research Assistant, Honors College, MSU  
 2019 Isabella Ouellette, Department of Neuroscience, MSU  
 2018-19 Manasi Desai, Professorial Research Assistant, Honors College, MSU  
 2018-19 Tessa Staggemeier, Dep't of Human Development & Family Science, MSU  
 2018-19 Kristin McConnell, Residential College of Arts & Humanities, MSU  
 2018-19 Alaina Scheidel, Department of Linguistics, MSU  
 2018-19 Anna Meso, Department of Neuroscience, MSU  
 2017-19 Kathryn Gwizdala, PhD Lab Rotation, Department of Kinesiology, MSU  
 2017-19 Janith Jayatilake, Lymann Briggs College, MSU  
 2017-19 Lauren Caramagno, Department of Animal Sciences, MSU  
 2018-19 Elizabeth Sculli, Department of Communication, MSU  
 2018 Victoria Womble, NIH Building Infrastructure Leading to Diversity; Promoting Opportunities for Diversity in Education and Research (BUILD PODER) Research Assistant, Communication Disorders, Cal State Univ., Northridge  
 2016-18 Kelli Pfiester, Independent Research Assistant, MSU  
 2016-18 Stephanie Nagy, Department of Neuroscience, MSU  
 2017-18 Andrew Waack, Professorial Research Assistant, Honors College, MSU  
 2017-18 Alexa Meier, Independent Research Assistant, MSU  
 2017-18 Ainsley McNamara, Independent Research Assistant, MSU  
 2017-18 Kayla Ewald, Department of Psychology, MSU  
 2017-18 Marisa Madynski, Department of Communication, MSU  
 2014-18 Katelan Saunders, Professorial Research Assistant, Honors College, MSU  
 2016 Samantha Madden, Department of Neuroscience, MSU  
 2016 Madeline Crile, Department of Communication, MSU  
 2015-16 Emily Chen, Professorial Research Assistant, Honors College, MSU  
 2015-16 Valerie Rose, Department of Psychology, MSU  
 2014-16 Laney Roehl, Department of Linguistics, MSU  
 2014-16 Alexis Nedanis, Department of Psychology, MSU  
 2014-15 Madeline Aucilino, Professorial Research Assistant, Honors College, MSU