**Samantha Gustafson, Au.D., Ph.D.**

College of Health

Department of Communication Sciences and Disorders

390 South 150 East, BEHS 1204, Salt Lake City, UT 84112

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1. **EDUCATION**

Vanderbilt University Ph.D. 2017 Hearing Science

Nashville, Tennessee

Dissertation: *Cortical Associates of Speech-in-Noise Perception from Childhood to Adulthood*

Arizona State University Au.D. 2012 Audiology

Tempe, Arizona

Arizona State University B.S. 2008 Speech and Hearing

Tempe, Arizona Science

1. **CERTIFICATIONS & LICENSES**

Utah State License in Audiology 2020 - present

Certificate of Clinical Competence in Audiology, American 2012 – present Speech- Language- Hearing Association

North Carolina State License in Audiology 2018 – 2020

Tennessee State License in Audiology 2015 – 2018

Certificate in College Teaching, Vanderbilt Center for Teaching 2014

1. **EMPLOYMENT**

Assistant Professor Comm. Sciences and Disorders 2019 – present

The University of Utah

390 S 1530 E, BEHS 1204

Salt Lake City, UT 84112

Postdoctoral Scholar Otolaryngology Head & Neck Surgery 2018 – 2019

University of North Carolina at Chapel Hill

170 Manning Drive, Box 7070

Chapel Hill, NC 27599

Research Assistant Hearing and Speech Sciences 2012 - 2017

Vanderbilt University

1215 21st Ave South, MCE 8310

Nashville, TN 37232

Research Assistant Division of Audiology 2011 - 2012

Cincinnati Children’s Hospital Medical Center

3430 Burnet Ave, MLC 2002

Cincinnati, OH 45229

Research Assistant Speech and Hearing Sciences 2006 - 2011

Arizona State University

975 S Myrtle Ave

Tempe, AZ 85287

NIH T-35 Research Trainee Hearing and Speech Perception Research 2010

Boys Town National Research Hospital

555 N 30th Street

Omaha, NE 68131

1. **PROFESSIONAL AFFILIATIONS**

American Cochlear Implant Alliance Member

Educational Audiology Association Member

American Auditory Society Member

American Speech- Language- Hearing Association Member

1. **PUBLICATIONS**

Peer Reviewed Journal Articles

1. Picou, EM, Morgan, S, Young, ED, **Gustafson, SJ.** (in review). Measurement of emotional responses to non-speech sounds: Effect of stimulus duration and amplitude-scaling approach. The *Journal of the Acoustical Society of America.*
2. **Gustafson, SJ**, Nelson, L, Silcox, JW. (accept with minor revisions). Effect of auditory distractors on speech recognition and listening effort. *Ear & Hearing.*
3. **Gustafson, SJ,** Ortiz, C, Nelson, L. (in press). Examining Test-Retest Reliability and the Role of Task Instructions when Measuring Listening Effort Using a Verbal Response Time Paradigm. *Seminars in Hearing.*
4. **Gustafson, SJ**, Flores, AN, & Newsome, E. (2022). Narrative Review of Loudness Perception Measures in Children. *Ear and Hearing*, 43(6), 1653-1642.
5. Flores, AN & **Gustafson, SJ**. (2022). Clinical practice patterns with pediatric loudness perception measures. *American Journal of Audiology, 31, 175-188*. https://doi.org/10.1044/2021\_AJA-21-00151
6. **Gustafson, SJ**, Camarata, S, Hornsby, BWY, Bess, FH. (2021). Perceived listening difficulty in the classroom, not classroom noise levels, is associated with fatigue in children with and without hearing loss. *American Journal of Audiology, 30, 956-967*. https://doi.org/10.1044/2021\_AJA-21-00065
7. **Gustafson, SJ**, Ricketts, TA, Picou, EM (2021). Individual differences offer insight into clinical recommendations for directional and remote microphone technology use in children. *Journal of Speech, Language, and Hearing Research,* 64(2), 635-650.
8. **Gustafson, SJ**, Grose, JH, Buss, E. (2020). Perceptual organization and stability of auditory streaming for pure tones and /ba/ stimuli. *The Journal of the Acoustical Society of America*, 148(2), EL159-EL165*.*
9. **Gustafson, SJ**, Billings, CJ, Hornsby, BWY, & Key, AP (2019). Effect of Competing Noise on Cortical Auditory Evoked Potentials Elicited by Speech Sounds in 7- to 25-year-old Listeners. *Hearing Research,* 373, 103-112.
10. McGarrigle, R, **Gustafson, SJ**, Hornsby, BWY, & Bess, FH. (2019). Behavioral measures of listening effort in school-age children: Examining the effects of signal-to-noise ratio, hearing loss, and amplification. *Ear and Hearing,* 40(2), 381-392*.*
11. **Gustafson, SJ**, Key, AP, Hornsby, BWY, Bess, FH. (2018). Fatigue Related to Speech Processing in Children with Hearing Loss: Behavioral, Subjective, and Electrophysiological Measures. *Journal of Speech, Language, and Hearing Research,* 61, 1000-1011*.*
12. Hornsby, BWY, **Gustafson, SJ**, Lancaster, H, Cho, SJ, Camarata, S, & Bess, FH. (2017). Subjective Fatigue in Children with Hearing Loss Using Self- and Parent- Proxy Reports. *American Journal of Audiology,* 26(3S), 393-407.
13. **Gustafson, SJ**, Ricketts, T, & Tharpe, AM. (2017). Hearing Technology Use and Management in School-Age Children: Reports from Data Logs, Parents, and Teachers. *Journal of the American Academy of Audiology,* 28(10), 883-892*.*
14. Key, AF, **Gustafson, SJ**, Rentmeester, L, Hornsby, BWY, & Bess, FH. (2017). Speech Processing Fatigue in Children: Auditory ERP and Behavioral Measures. *Journal of Speech, Language, and Hearing Research,* 60(7), 2090-2104.
15. Bess, FH, **Gustafson, SJ**, Corbett, BA, Lambert, WE, Camarata, SM, & Hornsby, BWY. (2016). Salivary Cortisol Profiles of Children with Hearing Loss. *Ear and Hearing,* 37(3), 334-344*.*
16. **Gustafson, SJ**, Davis, H, Hornsby, BWY, & Bess, FH. (2015). Factors Influencing Hearing Aid Use in the Classroom: A Pilot Study. *American Journal of Audiology,* 24(4); 563-568.
17. Bess, FH, **Gustafson, SJ**, & Hornsby, BWY. (2014). How Hard Can it be to Listen? Fatigue in School-Age Children with Hearing Loss. *Journal of Educational Audiology;* 20*.*
18. **Gustafson, SJ**, McCreery, R, Hoover, B, Kopun, J, & Stelmachowicz, PG. (2014). Listening effort and perceived clarity for normal hearing children with the use of digital noise reduction. *Ear and Hearing;* 35(2), 183-194*.*
19. Wiley, S, **Gustafson, SJ**, & Rozniak, J. (2013). Needs of Parents of Children who are Deaf/Hard of Hearing with Autism Spectrum Disorder. *Journal of Deaf Studies and Deaf Education,* 19(1), 40-49.
20. **Gustafson, SJ**, Pittman, AL, & Fanning, R. (2013). The Effect of Tubing Length and Coupling Method on Real-Ear to Coupler Difference and Hearing Threshold Measurements. *American Journal of Audiology,* 22, 190-199.
21. **Gustafson, SJ**, & Pittman, AL. (2011). Sentence Perception in Listening Conditions Having Similar Speech Intelligibility Indices. *International Journal of Audiology*; 50, 34–40.

Book Chapters

1. **Gustafson, SJ** & Corbin, N. (2021). Pediatric Hearing Loss Guidelines and Consensus Statements – Where Do We Stand? In NM Young & AM Tharpe (Eds.), *Otolaryngologic Clinics of North America: Childhood Hearing Loss*. <https://doi.org/10.1016/j.otc.2021.07.003>
2. Tharpe, AM, Ryan, H, & **Gustafson, SJ**. (2016). Hearing Instrument Orientation & Device-Use for Children and their Families. In A.M. Tharpe & R. Seewald (Eds.), *The Comprehensive Handbook of Pediatric Audiology (2nd ed), Plural Publishing.*
3. Tharpe, AM, & **Gustafson, SJ**. (2015). Management of Children with Mild, Moderate, and Moderate-Severe SNHL. In B.Kesser & M.Kenna (Eds.), *Otolaryngologic Clinics of North America: Pediatric Hearing Loss.*
4. Tharpe, AM, & **Gustafson, SJ**. (2015). Individuals with Multiple Disabilities. In J.Katz et al (Eds.), *Handbook of Clinical Audiology* (7th ed).

Conference Proceedings

1. McCreery, RW, **Gustafson, SJ**, & Stelmachowicz, PG. (2011). Should digital noise reduction be activated in pediatric hearing-aid fittings? *A Sound Foundation Through Early Amplification 2010;* *Proceedings of the Fifth International Conference,* R.C. Seewald & J. Bamford (Eds). 153-165.

Other (Pre-registration/Commentary/Letters/Editorials/Case Reports/Video Film)

1. Moua, PT, & **Gustafson, SJ**. (2021, July 28). The effect of competing noise on speech recognition for children who are non-native listeners: a scoping review protocol. <https://doi.org/10.17605/OSF.IO/KVYZS>
2. American Speech-Language-Hearing Association. (2015, December 27). *Factors Influencing Hearing Aid Use in the Classroom - Samantha Gustafson* [Video file]. Retrieved from: <https://youtu.be/TM8h-vx79uE>
3. **Gustafson, SJ**. (2014, March). Experiencing ASHA as an ARTA Recipient. *Audiology Connections.*
4. **Gustafson, SJ**. (2013, August). Student's Say: Is There a Double Doctor in the House? *The ASHA Leader.*
5. **Gustafson, SJ**. (2012). The T35 Program: Research Training for the AuD Student. *Audiology Today,* July/August, 67-68.
6. **Gustafson, SJ**, & Bullock, R. (2010). Special Olympics: Student Involvement with Global Opportunity. *Audiology Today*, Nov/Dec, 70-71.

Pending Publications

1. Gustafson, SJ, Newsome, E, Pilling, N, Segura, E. (in preparation). Supporting Students who are Deaf/Hard of Hearing: Survey of Collaborative Practices. *Journal of Deaf Studies and Deaf Education.\*
2. Morgan, S, Picou, EM, Gustafson, SJ, Young, E. (in preparation). Arousal and Valance of Auditory Distractors in Young Normal Hearing Listeners*. Journal of Speech Language Hearing Research.*
3. Morisak, P, Gustafson, SJ, Asfour, F, Park, A. (in preparation). The Inadequacy of Targeted Hearing Screening for Children with Cystic Fibrosis.

###### PRESENTATIONS, INVITED LECTURES, AND SYMPOSIA-FREE COMMUNICATIONS

Invited Presentations

1. Gustafson, SJ. (2022). Through the fitting, and beyond! Considerations for school-age children with hearing loss. Division of Audiology’s Annual Knowledge Translation Forum, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH. [Virtual]
2. Gustafson, SJ. (2022). Classroom Chaos: What we Understand about Listening Effort and Fatigue in Children with Hearing Loss. Beyond Speech Workshop, Sydney, Australia. [Virtual]
3. Gustafson, SJ. (2021). Validating Hearing Assistive Technology for Children: The What, Why, and How. Utah School for the Deaf and the Blind, Salt Lake City, UT.
4. Gustafson, SJ. (2021). Individual differences offer insight into clinical recommendations for directional and remote microphone technology use in children. Phonak AG Research Team. [Virtual]
5. Gustafson, SJ, Hornsby, BWY, Key, AP, & Bess, FH. (2017). Listening is Hard Work: Consequences for Children with Hearing Loss. Modern Developments in Audiology, Nashville, TN.
6. Gustafson, SJ, Hornsby, BWY, Camarata, S, Key, AP, & Bess, FH. (2017). Listening-Related Fatigue in School-Age Children with Hearing Loss. Controversial Issues in Pediatric Audiology, New York, NY.
7. Gustafson, SJ, Hornsby, BWY, Camarata, S, Key, AP, & Bess, FH. (2017). Listening-Related Fatigue in School-Age Children with Hearing Loss. 47th Annual Mid-South Conference on Communicative Disorders, Memphis, TN.
8. Gustafson, S. (2016). Wake up! Let's talk about fatigue in the classroom. OPTION Schools, Inc Annual Meeting, Nashville, TN.

Meeting Presentations – International

* 1. Gustafson, S. (2017). Pinpointing the Breakdown of Speech-in-Noise Perception in School-Age Children. Frontiers in Hearing Symposium, Estes Park, CO.
	2. Gustafson, SJ, Hornsby, BWY, & Bess, FH. (2016). A Comparison of Behavioral Measures of Processing Load in Children. Hearing Across the Lifespan, Cernobbio, Italy.
	3. Gustafson, SJ, Ricketts, TR, & Tharpe, AM. (2014). Information Recall in Children with Cochlear Implants. Symposium of Cochlear Implants in Children, Nashville, TN.
	4. Meinzen-Derr, J, Wiley, S, Bishop, S, Manning, P, Gustafson, SJ, Murray, D, & Choo, D. (2012). Age of Diagnosis of Autism Spectrum Disorders in Children with Hearing Loss. International Meeting for Autism Research, Toronto, Canada.

Meeting Presentations - National

* 1. Gustafson, SJ & Pilling, N. (submitted). Collaboration between Educational Audiologists and Teachers of the Deaf: Understanding Current Practices and Preparing Future Providers. Educational Audiology Association Conference.
	2. Gustafson, SJ & Pilling, N. (2022). Let’s Work Together: Understanding Collaboration Between Teachers of the Deaf and Educational Audiologists. American Speech- Language- Hearing Association Meeting.
	3. Gustafson, SJ, Billings, C, Hornsby, BWY, & Key, AP. (2017). Understanding the Development of Speech-in-Noise Perception Using Auditory Evoked Potentials. American Speech- Language- Hearing Association Meeting, Los Angeles, CA.
	4. McGarrigle, R, Gustafson, SJ, Hornsby, BWY, & Bess, FH. (2017). Measuring listening effort in children with hearing loss: Single- versus dual-task? American Auditory Society Meeting, Scottsdale, AZ.
	5. Gustafson, SJ, Camarata, SM, Hornsby, BWY, Key, AF, & Bess, FH. (2015). Objective Assessment of Fatigue in School-Age Children with Hearing Loss. American Speech- Language- Hearing Association Meeting, Denver, CO.
	6. Wiley, S, Meinzen-Derr, J, Gustafson, SJ, Murray, D, & Manning-Courtney, P. (2013) Autism in Children who are Deaf/Hard of Hearing. Early Hearing Detection and Intervention Meeting, Glendale, AZ.

Meeting Presentations – Local

1. Gustafson, SJ (2021). Effects of Distractors on Speech Recognition and Listening Effort in Adults. CSD Proseminar.

Poster Presentations (\* indicates student project)

* 1. Gustafson, SJ, Nelson, L, Tidwell, C. (accepted). Controlling for Auditory Abilities when Measuring Attention Allocation following Distraction. American Auditory Society Meeting. [WITHDRAWN]
	2. \*Newsome, E, Segura, E, Pilling, N, Gustafson, SJ. (accepted). Educational Audiologists’ and Teachers of Students who are Deaf/Hard of Hearing Perspectives on Facilitators and Barriers of the Current Level of Collaboration. 2023 Early Hearing Detection and Intervention Conference.
	3. \*Ortiz, C, Gustafson, SJ. (2022). Understanding Meaningful Differences in Listening Effort using a Verbal Response Time Paradigm. American Speech- Language- Hearing Association Meeting.
	4. \*Roy, K, Gustafson, SJ. (2022). Implementing a Laboratory Component in an Undergraduate Hearing Science Course. American Speech- Language- Hearing Association Meeting.
	5. Park, A, Stewart, J, Morisak, P, Gustafson, SJ, Meihls, S, Black, P, Ameel, S, & Asfour, F. (accepted). The Inadequacy of Targeted Hearing Screening for Children with Cystic Fibrosis. North American Cystic Fibrosis Conference.
	6. \*Nelson, L, Gustafson, SJ. (2022). Effects of Auditory Distractors on Speech Recognition and Listening Effort in Adults. American Speech- Language- Hearing Association Meeting. Washington DC.
	7. \*Flores, A, Gustafson, SJ. (2021). Survey of Pediatric Audiologists and Their Use of Loudness Perception Measures. A Sound Foundation Through Early Amplification, Virtual.
	8. Gustafson, SJ, Camarata, S, Hornsby, BWY, Bess, FH. (2021). Perceived – not measured – classroom noise is associated with subjective fatigue in children. American Academy of Audiology 2021 Conference, Virtual.
	9. \*Flores, A, Gustafson, SJ, Hornsby, BWY, Camarata, S, Bess, FH. (2020). Perception of Classroom Noise is Associated with Subjective Fatigue in Children. Proposal accepted at the American Speech- Language- Hearing Association Meeting, San Diego, CA (Convention cancelled).
	10. Gustafson, SJ, Buss, E, Grose, JH. (2019). Effects of Stimulus Type on Perceptual Organization and Stability in Auditory Streaming. American Speech- Language- Hearing Association Meeting, Orlando, FL.
	11. Gustafson, SJ, Grose, JH, Buss, E. (2019). Development of Auditory Stream Segregation: Temporal and Spectral Cues, American Auditory Society, Scottsdale, AZ.
	12. Picou, E, Gustafson, SJ, Ricketts, TA. (2018). The effects of microphone technology on word recognition and behavioral listening effort in school-aged children. International Hearing Aid Conference, Tahoe City, CA.
	13. Day, B, Kemph, A, Fields, T, Gustafson, SJ, Fosnight, A, Hughes, R. (2018). Programmatic Changes to Newborn Hearing Screening and Follow-Up: Improving 1-3-6 Benchmarks. AAA 2018, Nashville, TN.
	14. \*Hrstic, E, Gustafson, SJ, Jones, D, & Key, AP. (2017). Cortical Effects of Attention on the N1 Potential in Children and Adults. Poster presented at the Vanderbilt Center for Science Outreach Student Research Symposium, Nashville, TN.
	15. Gustafson, SJ, Tharpe, AM, & Ricketts, TA. (2016). Beyond the Family: Turning to Teachers for Reports of Children's Hearing Aid Use and Management. American Speech- Language- Hearing Association Meeting, Philadelphia, PA.
	16. Davis, H, Gustafson, SJ, Hornsby, BWY, & Bess, FH. (2016). “Fatigue Sounds Like Phantom, So Maybe a Squid?” Subjective Reports of Listening-Related Fatigue in Children with Hearing Loss. A Sound Foundation Through Early Amplification, Atlanta, GA.
	17. \*Gustafson, SJ, Suba, E, Camarata, SM, Hornsby, BWY, & Bess, FH. (2015). Examining the Validity of the Vanderbilt Hearing-Related Fatigue Scale: A Pilot Study. Poster presented at the American Speech- Language- Hearing Association Meeting, Denver, CO.
	18. Davis, H, Gustafson, SJ, Bess, FH. (2015). Beyond the Fitting Appointment: Hearing Aid and FM Use Patterns in the Classroom. AudiologyNOW! 2015, San Antonio, TX.
	19. \*Headley, A, Fustos, E, Gustafson, SJ, Bess, FH. (2015). Profiling Hearing Aid Use in School-Age Children with Mild-to-Moderate Hearing Loss. Poster presented at the Early Hearing Detection and Intervention Meeting, Louisville, KY.
	20. Gustafson, SJ, Ricketts, TR, & Tharpe, AM. (2014). Information Recall in Children with Cochlear Implants. American Speech- Language- Hearing Association Meeting, Orlando, FL.
	21. \*Headley, A, Gustafson, SJ, Hornsby, BWY, & Bess, FH. (2014). A Comparison of Parental- & Self-Reports of Fatigue in Children with Hearing Loss. Poster presented at the American Speech- Language- Hearing Association Meeting, Orlando, FL.
	22. Gustafson, SJ, Key, AF, Hornsby, BWY, & Bess, FH. (2014). Objective Assessment of Speech in Noise Abilities & the Effect of Amplification in Children with Hearing Loss. International Hearing Aid Conference, Tahoe City, CA.
	23. \*Ballard, R, Gustafson, SJ, Needham, A, & Tharpe, AM. (2013). The Effects of Auditory and Visual Stimulation on Exploration in Infancy. Poster presented at the American Speech- Language- Hearing Association Meeting, Chicago, IL.
	24. Gustafson, SJ, DeLong, AD, Werfel, KL, & Bess, FH. (2013). Classroom Noise and Fatigue in Children with Normal Hearing and Children with Hearing Loss. A Sound Foundation Through Early Amplification, Chicago, IL.
	25. Gustafson, SJ, DeLong, AD, Werfel, KL, & Bess, FH. (2013). Classroom Noise and Fatigue in Children with Normal Hearing and Children with Hearing Loss. American Speech- Language- Hearing Association Meeting, Chicago, IL.
	26. Gustafson, SJ, Rozniak, J, & Wiley, S. (2013). Children with Autism Spectrum Disorder and Hearing Loss: Professional Experiences. Early Hearing Detection and Intervention Meeting, Glendale, AZ.
	27. Gustafson, SJ, Rozniak, J, Walterman, R, & Wiley, S. (2013). Family Perspectives on Autism Spectrum Disorder and Hearing Loss. Early Hearing Detection and Intervention Meeting, Glendale, AZ.
	28. Gustafson, SJ, Rozniak, J, Walterman, R, & Wiley, S. (2012). Family Perspectives on Autism Spectrum Disorder and Hearing Loss. Association of University Centers on Disabilities Conference, Washington DC.
	29. Gustafson, SJ, Rozniak, J, & Wiley, S. (2012). Children with Autism Spectrum Disorder and Hearing Loss: Professional Experiences. Association of University Centers on Disabilities Conference, Washington DC.
	30. Gustafson, SJ, McCreery, R, Hoover, B, Kopun, J, & Stelmachowicz, PG. (2011). Ease of listening and speech recognition for normal hearing children with the use of digital noise reduction. American Auditory Society, Scottsdale, AZ.
	31. Gustafson, SJ, McCreery, RW, Hoover, B, Kopun, J, & Stelmachowicz, PG. (2010). Ease of listening and speech recognition for normal hearing children with the use of digital noise reduction. A Sound Foundation Through Early Amplification, Chicago, IL.
	32. Gustafson, SJ, & Pittman, AL. (2008). Sentence Perception in Children and Adults for a Series of Listening Conditions Having Equivalent Speech Intelligibility Indices. American Auditory Society, Scottsdale, AZ.

###### GRANT WRITING AND RELATED ACTIVITIES

Active

“Effect of Cochlear Implants on Listening-Related Fatigue in School-Age Children: A Pilot Study” (S Gustafson, MPI), American Cochlear Implant Alliance Innovations in Cochlear Implant Pilot Grant. September 2022-August 2023. Total costs: $29,925

“Project ASSIST: Advancing Student Success through Interdisciplinary Scholar Training: Preparation Program for Teachers of the Deaf/Hard of Hearing and Audiologists” (SJ Gustafson, Co-Project Director). U.S. Department of Education Special Education Personnel Preparation Grant. October 2021 – September 2026. Total costs: $1,230,862.25

“Assessing the Role of Auditory Distraction in Complex Listening” (S Gustafson, PI), NIH Loan Repayment Program. July 2021 – June 2023. Total costs: $33,534.88

“Effects of auditory distraction on speech recognition and listening effort “ (S Gustafson, PI), American Academy of Audiology Foundation Research Grants in Hearing & Balance Program. July 2021 – June 2022 (NCE). Total costs: $9,996

“Survey of collaborative practice patterns between educational audiologists

and teachers of the deaf/hard of hearing” (S Gustafson, MPI), Educational Audiology Association Noel D Matkin Grant. June 2021 – May 2022 (NCE). Total costs: $1,500

Under Review

“Assessing the Role of Auditory Distraction in Complex Listening” (S Gustafson, PI), NIH Loan Repayment Program - RENEWAL. Submitted November 2022.

Past Grants

“Cortical Associates of Speech-in-Noise Perception from Childhood to Adulthood” (S Gustafson, PI), Vanderbilt Clinical and Translational Science Award (VR21011). 2016-2017. Total costs: $6,946

“Short Term Memory and Temporal Order Coding,” (S Gustafson, PI), Vanderbilt Clinical and Translational Science Award (VR8184). 2013-2014. Total costs: $621

Unfunded

“Effects of auditory distraction on speech recognition and listening effort” (S Gustafson, PI), Hearing Health Foundation Emerging Research Grant. Submitted February 2021.Total direct costs: $45,446

“Development of new paradigms to understand the effects of auditory distraction on auditory scene analysis in children” (S Gustafson, PI), Hearing Health Foundation Emerging Research Grant. Submitted February 2020. Total direct costs: $48,383.72

“Auditory Distraction and Temporal Properties of Perceptual Organization” (S Gustafson, PI), College of Health Research Pilot Grant. 2019. Total direct costs: $22,406

“Cortical Associates of Speech-in-Noise Perception from Childhood to Adulthood,” (S Gustafson, PI), National Institute on Deafness and Other Communication Disorders:

Research Dissertation Fellowship for Au.D. Audiologists (F32). 2016. Total direct costs: $215,160

“Cortical Associates of Speech-in-Noise Perception from Childhood to Adulthood,” (S Gustafson, PI), American Academy of Audiology Foundation: Research Grants in Hearing & Balance. 2016. Total direct costs: $7,159

###### TEACHING, ADVISING AND OTHER ASSIGNMENTS

Courses Taught (since last review)

CSD 7835-001/SPED 6960-004 – Summer 2022

 Project ASSIST- Interdisciplinary Practicum 11 Students

CSD7945 – AuD Capstone Indep Study Fall 2022

 2 Students

CSD6610 – Principles of Amplification Fall 2022

 10 Students

CSD 7835-001/SPED 6960-001 – Fall 2022

 Project ASSIST- Interdisciplinary Collaboration – Seminar I 11 Students

CSD 7835-002 Fall 2022

 Hearing Assistive Technology for Children 4 Students

Invited Guest Lectures

2021 – Pediatric Amplification, University of Florida AuD Program

2019, 2020 – Pediatric Amplification, University of Utah AuD Program

Curriculum Development

CSD4201 – Hearing Science Lab (1 credit, online)

CSD 7835-001/SPED 6960-004 Project ASSIST- Interdisciplinary Practicum (1 credit)

CSD 7835-001/SPED 6960-001 Project ASSIST- Interdisciplinary Collaboration 1 (1 credit)

CSD 7835-002 - Hearing Assistive Technology for Children (1 credit)

CSD 7835-002/SPED 6960-002 Project ASSIST- Interdisciplinary Collaboration 2 (1 credit)

CSD 7835-003/SPED 6960-005 Project ASSIST- Interdisciplinary Collaboration 3 (1 credit)

Trainee Supervision

Undergraduate Student Mentorship

2021 – 2022: Crystal Ortiz (UROP) Advisor

2020 – 2021: Loren (Jensen) Nelson (UROP) Advisor

2020 – 2021: Ashley Flores (Honors Thesis, UROP) Advisor

Graduate Student Committees

2022 – current: Jack Silcox (Ph.D. Dissertation Committee) Member

2022 – current: Jack Silcox (Preliminary Exam Committee) Member

2021 – current: Elsa Newsome (Au.D. Capstone Committee) Advisor

2021 – current: Taylor Goen (Au.D. Capstone Committee) Advisor

2020 – current: Caroline Tidwell (Au.D. Capstone Committee) Advisor

2020 – current: Kaelin Roy (Au.D. Capstone Committee) Advisor

2019 – current: Jessica Chen (Ph.D. Dissertation Committee) Member

2021 – 2022: Lydia Kallhoff (Qualifying Exam Committee) Member

2020 – 2021: Pang Tao Moua (Qualifying Exam Committee) Member

2019 – 2021: Mykel Wolfe (Au.D. Capstone Committee) Advisor

Student Evaluation of Teaching *\*Course evaluations changed format in Spring 2021*

CSD 6610 – Fall 2021 (10/10 responses) Would recommend course: 70%

 Would recommend instructor: 90%

CSD 6610 – Fall 2021 (12/12 responses) Would recommend course: 75%

 Would recommend instructor: 92%

CSD 4200 – Fall 2021 (11/14 responses) Would recommend course: 81%

 Would recommend instructor: 91%

CSD 7880 – Spring 2021 (14/21 responses) Would recommend course: 93%

 Would recommend instructor: 100%

CSD 6610 – Fall 2020 (7/7 responses) Average student evaluation: 5.57/6.0

CSD 4200 – Fall 2020 (23/45 responses) Average student evaluation: 5.70/6.0

CSD 7835 – Spring 2020 (21/26 responses) Average student evaluation: 5.54/6.0

CSD 4200 – Fall 2019 (28/43 responses) Average student evaluation: 5.76/6.0

MDE 5320 – Fall 2014 (8/11 responses) Average student evaluation: 4.64/5.0

MDE 5320 – Fall 2013 (5/8 responses) Average student evaluation: 4.68/5.0

Peer Teaching Evaluation

Fall 2020 - Dr. Mary Lytle

Formal Teaching Evaluation

Fall 2021 – Center for Teaching and Learning Excellence

###### EDITORIAL EXPERIENCE

Editorial Assistant, A.M.Tharpe & R.Seewald , The Comprehensive Handbook of Pediatric Audiology (2nd ed), Plural Publishing

###### REVIEWER EXPERIENCE

American Journal of Audiology

Ear & Hearing

International Journal of Audiology

Journal of Educational Audiology

Journal of Educational, Pediatric, & (Re)Habilitative Audiology

Journal of the American Academy of Audiology

Journal of Research in Special Education Needs

Journal of Speech, Language, Hearing Research

Language, Speech, and Hearing Services in the Schools

PLOS ONE

1. **GRANT REVIEW COMMITTEE/STUDY**

 Graduate Professional Student Association, Arizona State University

1. **SYMPOSIUM/MEETING CHAIR/COODINATOR**
2. **AWARDS**

National

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| --- | --- |
| Ph.D. Scholarship ($20,000), Council of Academic Programs in Communication Sciences and Disorders | 2017 |
| Research Mentoring-Pair Travel Award ($750 + Conference Registration), Mentor: *Curtis Billings, PhD*, American-Speech-Language-Hearing Association | 2016 |
| New Century Scholars Doctoral Scholarship ($10,000), American-Speech-Language-Hearing Association | 2015 |
| Student Research Travel Award ($500 + Conference Registration), American-Speech-Language-Hearing Association | 2015 |
| Student Travel Awards Reimbursement (STAR) stipend ($500), American Academy of Audiology Foundation | 2014 |
| Graduate Student Scholarship ($5,000), American-Speech-Language-Hearing Foundation | 2013 |
| Audiology/Hearing Science Research Travel Award ($500 + Conference Registration), American-Speech-Language-Hearing Association | 2013 |
| LEND Fellowship, Division of Developmental & Behavioral Pediatrics, Cincinnati Children’s Hospital and Medical Center | 2011 – 2012 |
| Empowering People Academic Scholarship ($5,000), American Academy of Audiology Foundation | 2011 |
| Helen Woodruff Nolop Scholarship in Audiology & Allied Fields ($500), Delta Zeta Foundation | 2008 |
| Access to Undergraduate Research Scholarship ($5,000), Women & Philanthropy | 2007 |

State

University

|  |  |
| --- | --- |
| Graduate Student Travel Grant ($500), Vanderbilt University Graduate School | 2017  |
| Graduate Student Travel Grant ($500), Vanderbilt University Graduate School | 2016  |
| Travel Award ($250), Vanderbilt Kennedy Center | 2014 |
| Graduate Student Travel Grant ($500), Vanderbilt University Graduate School | 2014 |
| Traineeship in Pediatric Audiology, Speech and Hearing Sciences Department, US Department of Education, Arizona State University | 2008 – 2012 |
| Fellowship Award ($3,000), Department of Speech and Hearing Sciences, Arizona State University | 2008-2009 |
| Foundation for the Future Scholarship ($1,000), Arizona State University Student Foundation | 2008 |
| Provost Scholarship & Tuition Waiver, Arizona State University | 2004-2008 |
|  |  |

1. **SERVICE**

University Level

Health Sciences Level

Reviewer, Mock Study Section, Utah Center for Clinical and Translational Science (2020)

College Level

CSD Representative, College Council (2022 – present)

CDS Liaison, Forever Utah Alumni Network (2021 – present)

Department Level

CSD Social Media Director (2021 – present)

Faculty Advisor, Student Academy of Audiology (2021 – present)

Member, Ad hoc committee on Student Course Feedback (2021)

Service at Affiliated Institutions

Service at Previous Institutions

PhD Student Faculty Representative, Department of Hearing and Speech Sciences, Vanderbilt University (2015-2017)

Prospective AuD Student FAQ Guide, Department of Speech and Hearing Sciences, Arizona State University (2009-2012)

Service to Profession

Member, ASHA Conference Topic Committee on Listening, Language, and Speech in Children who are Deaf and Hard of Hearing (2023)

Member, Educational Audiology Association Advocacy Committee (2021 – present)

Member, Professional Development Committee, ASHA SIG 9 (2020- present)

Subject Matter Expert (Hearing Aids for Children), ASHA Practice Portal (2021)

Member, Scientific and Professional Education Board, ASHA (2016-2018)

Member, Topic Committee for Intervention/Rehabilitation for Infants and Children with Hearing Loss or Balance Disorders, ASHA (2017)

Subject Matter Expert (Classroom Acoustics), ASHA Practice Portal (2013-2014)

Humanitarian Chair, Student Academy of Audiology Board of Directors (2010-2011)

Public Service

Poll worker, Salt Lake County Elections, Utah (2020)

Hearing Screener, Special Olympics Healthy Hearing – Ohio, Arizona (2010-2012)

###### MISCELLANEOUS SCHOLARSHIP

###### Leadership & Career Development Seminar 2022

###### Vice President’s Clinical & Translational (VPCAT) Research Scholars Program 2022-2023

###### ASHA Lessons for Success Program Participant 2021

###### Utah CCTS Write Winning NIH Grant Proposal Seminar 2021

###### ASHA Pathways Program Participant 2020

###### CLINICAL EXPERIENCE

Audiologist Vanderbilt Bill Wilkerson Center

*Monroe Carell Jr Children’s Hospital at Vanderbilt* 2015-2017

Served as a clinical Audiologist completing diagnostic evaluations with patients in the ENT clinic ranging from birth through 17 years.

Doctor of Audiology Extern Division of Audiology

*Cincinnati Children’s Hospital & Medical Center* 2011-2012

Served as a full-time clinical Audiology extern with patients ranging from birth through 21 years, completing specialty rotations including auditory processing disorder evaluations, aural rehabilitation, balance assessment, cochlear implant assessment and management, electrophysiology, and evaluation of patients in the NICU. Also trained as a Division of Developmental and Behavioral Pediatrics LEND Fellow. Leadership Education in Neurodevelopmental Related Disabilities (LEND) is an interdisciplinary training program that prepares professionals and graduate students for leadership roles in providing health and related services for children with neurodevelopmental disabilities and their families.