

CURRICULUM VITAE

Stephanie A. Borrie, Ph.D.

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Director, Human Interaction Lab
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EDUCATION

- 2011 Ph.D., Speech and Language Sciences
University of Canterbury, Christchurch, New Zealand
- 2005 BSLT (Bachelor of Speech-Language Therapy) w/ First-Class Honors
University of Canterbury, Christchurch, New Zealand

PROFESSIONAL APPOINTMENTS

- 2019–Present Associate Professor, Communicative Disorders and Deaf Education,
Utah State University, Logan, Utah
- 2014–2019 Assistant Professor, Communicative Disorders and Deaf Education,
Utah State University, Logan, Utah
- 2014–2022 Affiliated Faculty, Speech and Hearing Sciences,
Arizona State University, Tempe, Arizona
- 2012–2014 Postdoctoral Research Scientist, Speech and Hearing Sciences,
Arizona State University, Tempe, Arizona
- 2006–2008 Speech-Language Pathologist, Northland District Health Board,
Whangarei, New Zealand

GRANTS

Current Funding

National Institutes of Health, NIDCD R01 Award
R01DC020713: *A Causal Framework of Communicative Participation in People with Parkinson's disease*
Role: Principal Investigator
Performance Period: 07/01/2023–06/30/2028
Total Direct Costs: \$2,329,452

Parkinson's Foundation Impact Award

Speaker and Listener Strategies to Improve Intelligibility in Parkinson's disease

Role: Co-Investigator (PI: Lansford, K.L.)

Performance Period: 07/01/2023–12/30/2024

Total Direct Costs: \$150,000

Completed Funding

Malaysian Ministry of Higher Education Fundamental Research Grant Scheme

Conversational Entrainment as a Novel Diagnostic Metric in Neurodevelopmental Disorders

Role: Co-Investigator (PI: Wong, T.P.)

Performance Period: 11/01/2020–10/30/2023

Total Direct Costs: \$29,925

National Institutes of Health, NIDCD R21 Award

R21DC018641: *Application of Ideal Binary Masking to Disordered Speech*

Role: Co-Investigator (PI: Yoho, S.E.)

Performance Period: 04/01/2020–03/31/2023

Total Direct Costs: \$434,512

National Institutes of Health, NIDCD R21 Award

R21DC018867: *Perceptual Training for Improved Intelligibility of Dysarthric Speech*

Role: Principal Investigator (MPI: Lansford, K.L.)

Performance Period: 07/01/2020–06/30/2022

Total Direct Costs: \$419,434

National Institutes of Health, NIDCD F31 National Research Service Award

Acoustic-Prosodic Entrainment in the Context of Autism Spectrum Disorder

Role: Sponsor PI (Student PI: Wynn, C.J.)

Performance Period: 04/01/2021–08/31/2022

Total Direct Costs: \$46,554

National Institutes of Health, NIDCD R21 Award

R21DC016084: *Speech Rhythm Entrainment in the Context of Dysarthria*

Role: Principal Investigator

Performance Period: 03/01/2017–02/29/2020

Total Direct Costs: \$429,073

Utah State University Research Catalyst

Entrainment in the Context of Disordered Speech: An Exploration of Entrainment Analysis and Conversational Success in Interactions Involving People with Dysarthria.

Role: Principal Investigator

Performance Period: 01/01/2015–12/31/2015

Total Direct Costs: \$17,492

Neurological Foundation of New Zealand Philip Wrightson Research Grant

Perceptual Training for the Management of Neurological Speech Disorders

Role: Principal Investigator

Performance Period: 03/01/2012–02/28/2014

Total Direct Costs: \$122,000

REFEREED PUBLICATIONS

* denotes graduate and ** denotes undergraduate student collaborator; ^ denotes postdoctoral collaborator

Journal Publications

1. Yoho, S.E., Barrett, T.S., & **Borrie, S.A.** (2023). The influence of sensorineural hearing loss on the relationship between the perception of speech in noise and dysarthric speech. *Journal of Speech, Language, and Hearing Research*, 66, 4025–4036. https://doi.org/10.1044/2023_JSLHR-23-00115
2. **Borrie, S.A.**, Hepworth*, T., Wynn, C.J., Hustad, K.C., Barrett, T.S., & Landford, K.L. (2023). Perceptual learning of dysarthria in adolescence. *Journal of Speech, Language, and Hearing Research*, 66, 3791–3803. https://doi.org/10.1044/2023_JSLHR-23-00231
3. Fusaroli, M., Simonsen, A., **Borrie, S.A.**, Low, D.M., Parola, A., Raschi, E., Poluzzi, E., & Fusaroli, R. (2023). Identifying medications underlying communication atypicalities in psychotic and affective disorders: A pharmacosurveillance study within the FDA Adverse Event Reporting System. *Journal of Speech, Language, and Hearing Research*, 66, 3242–3259. https://doi.org/10.1044/2023_JSLHR-22-00739
4. Wynn*, C.J., Barrett, T.S., Berisha, V., Liss, J.M., & **Borrie, S.A.** (2023). Speech entrainment in adolescent conversations: A developmental perspective. *Journal of Speech, Language, and Hearing Research*, 66, 3132–3150. https://doi.org/10.1044/2023_JSLHR-22-00263
5. **Borrie, S.A.**, Yoho, S.E., Healy, E., & Barrett, T.S. (2023). The application of time-frequency masking to improve intelligibility of dysarthric speech in background noise. *Journal of Speech, Language, and Hearing Research*, 66, 1853–1866. https://doi.org/10.1044/2023_JSLHR-22-00558
6. Fletcher, A., Potts*, M., & **Borrie, S.A.** (2023). Educational information improves listener attitudes of people with dysarthria secondary to Parkinson’s disease. *American Journal of Speech Language Pathology*, 32, 1099–1109. https://doi.org/10.1044/2022_AJSLP-22-00234
7. Lansford, K.L., Barrett, T. S., & **Borrie, S.A.** (2023). Cognitive predictors of perception and adaptation to dysarthric speech in young adult listeners. *Journal of Speech, Language, and Hearing Research*, 66, 30–47. https://doi.org/10.1044/2022_JSLHR-22-00391
8. Fletcher, A.R., Wisler, A.A., Gruver*, E., & **Borrie, S.A.** (2022). Beyond speech intelligibility: Quantifying listener effort and engagement with dysarthric speech. *Journal of Speech, Language, and Hearing Research*, 65, 4060–4070. https://doi.org/10.1044/2022_JSLHR-22-00136
9. Wynn*, C.J., & **Borrie, S.A.** (2022). Classifying conversational entrainment of speech behavior: An expanded framework and review. *Journal of Phonetics*, 94, 101173. <https://doi.org/10.1016/j.wocn.2022.101173>
10. Wynn*, C.J., Barrett, T.S., & **Borrie, S.A.** (2022). Rhythm perception, speaking rate entrainment, and conversational quality: A mediated model. *Journal of Speech, Language, and Hearing Research*, 65, 2187–2203. https://doi.org/10.1044/2022_JSLHR-21-00293
11. Wynn*, C.J., Josephson*, E.R. & **Borrie, S.A.** (2022). An examination of articulatory precision in autistic children and adults. *Journal of Speech, Language, and Hearing Research*, 65, 1416–1425. https://doi.org/10.1044/2021_JSLHR-21-00490

12. **Borrie S.A.**, Wynn*, C.J., Berisha, V., & Barrett, T.S. (2022). From speech acoustics to communicative participation in dysarthria: Towards a causal framework. *Journal of Speech, Language, and Hearing Research*, 65, 405–418. https://doi.org/10.1044/2021_JSLHR-21-00306
13. **Borrie S.A.** & Lansford, K.L. (2021). A perceptual learning approach for dysarthria remediation: An updated review of experimental studies. *Journal of Speech, Language, and Hearing Research*, 6, 3060–3073. https://doi.org/10.1044/2021_JSLHR-21-00012
14. **Borrie S.A.**, Lansford, K.L., & Barrett, T.S. (2021). A clinical advantage: Experience informs recognition and adaptation to a novel talker with dysarthria. *Journal of Speech, Language, and Hearing Research*, 64, 1503–1514. https://doi.org/10.1044/2021_JSLHR-20-00663
15. Lubold[^], N., Willi[^], M.M., **Borrie, S.A.**, Barrett, T.S., & Berisha, V. (2021). Healthy communication partners modify their speech when conversing with individuals with Parkinson's disease. *Journal of Speech, Language, and Hearing Research*, 64, 1539–1549. https://doi.org/10.1044/2021_JSLHR-20-00233
16. Knollhoff, S., **Borrie, S.A.**, Barrett, T.S., & Searl, J. (2021). Listener impressions of alaryngeal communication modalities. *International Journal of Speech-Language Pathology*, 23, 540–547. <https://doi.org/10.1080/17549507.2020.1849400>
17. Hirsh*, M.E., Lansford, K.L., Barrett, T.S., & **Borrie, S.A.** (2021). Generalized learning of dysarthric speech between male and female talkers. *Journal of Speech, Language, and Hearing Research*, 64, 444–451. https://doi.org/10.1044/2020_JSLHR-20-00313
18. **Borrie, S.A.**, Wynn*, C.J., Berisha, V., [^]Lubold, N., [^]Willi, M.M., Coelho, C.A., & Barrett, T.S. (2020). Conversational coordination of articulation responds to context: A clinical test case with traumatic brain injury. *Journal of Speech, Language, and Hearing Research*, 63, 2567–2577. https://doi.org/10.1044/2020_JSLHR-20-00104
19. Lansford, K.L., **Borrie, S.A.**, Barrett, T.S., & Flechaus*, C. (2020). When additional training isn't enough: Further evidence that unpredictable speech inhibits adaptation. *Journal of Speech, Language, and Hearing Research*, 63, 1700–1711. https://doi.org/10.1044/2020_JSLHR-19-00380
20. Wynn*, C.J., & **Borrie, S.A.** (2020). Methodologies matter: The impact of research design on conversational entrainment outcomes. *Journal of Speech, Language, and Hearing Research*, 63, 1352–1360. https://doi.org/10.1044/2020_JSLHR-19-00243
21. **Borrie, S.A.**, Barrett, T.S., Liss, J.M., & Berisha, V. (2020). Sync pending: Characterizing conversational entrainment in dysarthria using a multidimensional, clinically-informed approach. *Journal of Speech, Language, and Hearing Research*, 63, 83–94. https://doi.org/10.1044/2019_JSLHR-19-00194
22. Lansford, K.L., **Borrie, S.A.**, & Barrett, T.S. (2019). Regularity matters: Unpredictable speech degradation inhibits adaptation to dysarthric speech. *Journal of Speech, Language, and Hearing Research*, 62, 4282–4290. https://doi.org/10.1044/2019_JSLHR-19-00055
23. Wynn*, C.J., **Borrie, S.A.**, & Pope*, K.A. (2019). Going with the flow: An examination of entrainment in typically developing children. *Journal of Speech, Language, and Hearing Research*, 62, 3706–3713. https://doi.org/10.1044/2019_JSLHR-S-19-0116
24. **Borrie, S.A.**, Barrett, T.S., Willi[^], M.M., & Berisha, V. (2019). Syncing up for a good conversation: A clinically-meaningful methodology for capturing conversational entrainment in the speech domain. *Journal of Speech, Language, and Hearing Research*, 62, 283–296. https://doi.org/10.1044/2018_JSLHR-S-18-0210
25. **Borrie, S.A.**, Barrett, T.S., & Yoho, S.E. (2019). Autoscore: An open-source automated tool for scoring listener perception of speech. *Journal of Acoustical Society of America*, 145, 392–399. <https://doi.org/10.1121/1.5087276>

26. Yoho, S.E., **Borrie, S.A.**, Barrett, T.S., & Whittaker*, D. (2019). Are there sex effects for speech intelligibility in American English? Examining the influence of talker, listener, and methodology. *Attention, Perception, & Psychophysics*, 81, 558–570. <https://doi.org/10.3758/s13414-018-1635-3>
27. **Borrie, S.A.**, Lansford, K.L., & Barrett, T.S. (2018). Understanding dysrhythmic speech: When rhythm does not matter and learning does not happen. *Journal of Acoustical Society of America*, 143, 379–385. <https://doi.org/10.1121/1.5037620>
28. McLaughlin*, D.J., Baese-Berk, M.M., Bent, T., **Borrie, S.A.**, & Van Engen, K. (2018). Coping with adversity: Individual differences in the perception of noisy and accented speech. *Attention, Perception, & Psychophysics*, 80, 1559–1570. <https://doi.org/10.3758/s13414-018-1537-4>
29. Wynn*, C.J., **Borrie, S.A.**, & Sellars, T. (2018). Speech rate entrainment in children and adults with and without autism spectrum disorder. *American Journal of Speech-Language Pathology*, 27, 965–974. https://doi.org/10.1044/2018_AJSLP-17-0134
30. Parker*, M.A. & **Borrie, S.A.** (2018). Judgments of intelligence and likeability in young adult female speakers of American English: The influence of vocal fry and the surrounding acoustic-prosodic context. *Journal of Voice*, 32, 538–545. <https://doi.org/10.1016/j.jvoice.2017.08.002>
31. Lansford, K.L., Luhrsens*, S., Ingvalson, E., & **Borrie, S.A.** (2018). Effects of familiarization on intelligibility of dysarthric speech in older adults with and without hearing loss. *American Journal of Speech-Language Pathology*, 27, 91–98. https://doi.org/10.1044/2017_AJSLP-17-0090
32. Yoho, S.E. & **Borrie, S.A.** (2018). Combining degradations: The effect of background noise on intelligibility of disordered speech. *Journal of Acoustical Society of America*, 143, 281–286. <https://doi.org/10.1121/1.5021254>
33. **Borrie, S.A.**, Lansford, K.L. & Barrett, T.S. (2017). Generalized adaptation to dysarthric speech. *Journal of Speech, Language, and Hearing Research*, 60, 3110–3117. https://doi.org/10.1044/2017_JSLHR-S-17-0127
34. **Borrie, S.A.** & Schäfer, M.C.M. (2017). Effects of lexical and somatosensory feedback on long-term improvements in intelligibility of dysarthric speech. *Journal of Speech, Language, and Hearing Research*, 60, 2151–2158. https://doi.org/10.1044/2017_JSLHR-S-16-0411
35. **Borrie, S.A.**, Baese-Berk, M., Van Engen, K., & Bent, T. (2017). A relationship between processing speech in noise and dysarthric speech. *Journal of the Acoustical Society of America*, 141, 4660–4667. <https://doi.org/10.1121/1.4986746>
36. **Borrie, S.A.** & Delfino*, C. (2017). Conversational entrainment of vocal fry in young adult female American English speakers. *Journal of Voice*, 31(4), 513.e25–513.e32. <https://doi.org/10.1016/j.jvoice.2016.12.005>
37. Muñoz, K., Ong*, C., **Borrie, S.A.**, Nelson, L.H., & Twohig, M. (2017). Audiologists' communication behavior during hearing device management appointments. *International Journal of Audiology*, 56, 328–336. <https://doi.org/10.1080/14992027.2017.1282632>
38. **Borrie, S.A.**, Lansford, K.L. & Barrett, T.S. (2017). Rhythm perception and its role in recognition and learning of dysrhythmic speech. *Journal of Speech, Language, and Hearing Research*, 60, 561–570. https://doi.org/10.1044/2016_JSLHR-S-16-0094
39. Bent, T., Baese-Berk, M., **Borrie, S.A.**, & McKee*, M. (2016). Individual differences in the perception of unfamiliar regional, nonnative, and disordered speech varieties. *Journal of the Acoustical Society of America*, 140, 3775–3786. <https://doi.org/10.1121/1.4966677>

40. Lansford, K.L., **Borrie, S.A.**, & Bystricky*, L. (2016). Use of crowdsourcing to assess the ecological validity of perceptual training paradigms in dysarthria. *American Journal of Speech-Language Pathology*, 25, 233–239.
https://doi.org/10.1044/2015_AJSLP-15-0059
41. **Borrie, S.A.** & Schäfer, M.C.M. (2015). The role of somatosensory information in speech perception: Imitation improves recognition of disordered speech. *Journal of Speech, Language, and Hearing Research*, 58, 1708–1716.
https://doi.org/10.1044/2015_JSLHR-S-15-0163
42. **Borrie, S.A.** & **Borrie, S.A.**, Lubold*, N., & Pon-Barry, H. (2015). Disordered speech disrupts conversational entrainment: A study of acoustic-prosodic entrainment and communicative success in populations with communication challenges. *Frontiers in Psychology*. 6:1187. <https://doi.org/10.3389/fpsyg.2015.01187>
43. **Borrie, S.A.** (2015). Visual information: A help or hindrance to perceptual processing of dysarthric speech. *Journal of the Acoustical Society of America*, 137, 1473–1480.
<https://doi.org/10.1121/1.4913770>
44. **Borrie, S.A.** & Liss, J.M. (2014). Rhythm as a coordinating device: Entrainment with disordered speech. *Journal of Speech, Language, and Hearing Research*, 57, 815–824.
https://doi.org/10.1044/2014_JSLHR-S-13-0149
45. **Borrie, S.A.**, McAuliffe, M.J., Liss, J.M., O'Beirne, G.A., & Anderson, T. (2013). The role of linguistic and indexical information in improved recognition of dysarthric speech. *Journal of the Acoustical Society of America*, 133, 474–482.
<https://doi.org/10.1121/1.4770239>
46. **Borrie, S.A.**, McAuliffe, M.J., Liss, J.M., O'Beirne, G.A., & Anderson, T. (2012). A follow-up investigation into the mechanisms that underlie improved recognition of dysarthric speech. *Journal of the Acoustical Society of America*, 132, 102–108.
<https://doi.org/10.1121/1.4736952>
47. **Borrie, S.A.**, McAuliffe, M.J., Liss, J.M., Kirk, C., O'Beirne, G.A., & Anderson, T. (2012). Familiarisation conditions and the mechanisms that underlie improved recognition of dysarthric speech. *Language & Cognitive Processes*, 27, 1039–1055.
<https://doi.org/10.1080/01690965.2011.610596>
48. **Borrie, S.A.**, McAuliffe, M.J., & Liss, J.M. (2012). Perceptual learning of dysarthric speech: A review of experimental studies. *Journal of Speech, Language, and Hearing Research*, 55, 290–305. [https://doi.org/10.1044/1092-4388\(2011/10-0349\)](https://doi.org/10.1044/1092-4388(2011/10-0349))
49. McAuliffe, M.J., **Borrie, S.A.**, Good, P.V., & Hughes, L.E. (2010). Consideration of the listener in the assessment and treatment of dysarthria. *Acquiring Knowledge in Speech, Language, and Hearing*, 12, 16–19.
50. **Borrie, S.A.**, McAuliffe, M.J., Tillard, G., Ormond, T., Anderson, T., & Hornibrook, (2007). Effect of the Lee Silverman Voice Treatment on articulation in speakers with Parkinson's disease. *New Zealand Journal of Speech-Language Therapy*, 62, 29–36.

Peer-reviewed Conference Publications

1. Lubold^, N., **Borrie, S.A.**, Barrett, T.S., Willi^, M.M., & Berisha, V. (2019). Do conversational partners entrain on articulatory precision? In *Proceedings of the Conference of the International Speech Communication Association*, 1931–1935.
2. Al-Dulaimi*, A., Budge, S*, **Borrie, S.A.**, Moon, T.K., & Gunther, J.H. (2018). A tool for training speech imitation accuracy. In *Proceedings of Asilomar Conference on Signals, Systems, and Computers*, 1086–1090.

3. Willi[^], M.M., **Borrie, S.A.**, Barrett, T.S., Tu[^], M., & Berisha, V. (2018). A discriminative acoustic-prosodic approach for measuring local entrainment. In *Proceedings of the Conference of the International Speech Communication Association*, 581–585.
4. Baese-Berk, M., Bent, T., **Borrie, S.A.**, & McKee*, M. (2015). Individual differences in perception of unfamiliar speech. In *Proceedings of the 18th International Congress of Phonetic Sciences, ICPhS*, Paper number 0460, 1–5.

Book Chapters

1. Hustad, K.C. & **Borrie, S.A.** (2021). Intelligibility impairment. In J.S. Damico, N. Müller, & M.J. Ball (Eds.). *The Handbook of Language and Speech Disorders, Second Edition* (pp. 81–94). John Wiley & Sons.

PRESENTATIONS

Invited Talks

1. **Borrie, S.A.** (2024, March). Communication as an interconnected system. Blue Plate Research Series, Salt Lake City.
2. **Borrie, S.A.** (2022, November). Leveraging an adaptable speech perception system for remediation of disordered speech. *Speech Science Forum Seminar*. University College London, United Kingdom.
3. **Borrie, S.A.** (2022, October). Leveraging an adaptable speech perception system for remediation of disordered speech. *Speech, Language, and Hearing Sciences Department Seminar*. Purdue University, IN.
4. **Borrie, S.A.** (2022, September). Leveraging an n adaptable speech perception system for remediation of dysarthria. *Speech-Language Sciences Seminar*. Newcastle University, United Kingdom.
5. **Borrie, S.A.** (2022, September). Leveraging the adaptable speech perception system for remediation of dysarthria. *Speech Lab Seminar*. University of York, United Kingdom.
6. **Borrie, S.A.** (2022, August). Leveraging the adaptable speech perception system for remediation of disordered speech. *Centre for Language Studies Talks*, Radboud University, Netherlands.
7. **Borrie, S.A.** (2022, January). Leveraging an adaptable speech perception system for remediation of disordered speech. *Center for Language Science Speaker Series*. Pennsylvania State University, PA.
8. **Borrie, S.A.** (2021, December). An adaptable speech perception system for remediation of speech disorders. *Linguistics Department Colloquium*. University of Arizona, Arizona.
9. **Borrie, S.A.** (2021, November). Leveraging an adaptable speech perception system for dysarthria remediation. *Communication Sciences and Disorders Department Seminar*. University of Wisconsin, Madison, WI.
10. **Borrie, S.A.** & Ivanova, I. (2021, November). Syncing up for good conversation: How and why we mimic our partners' speech and language. *American Speech, Language and Hearing Association Convention*. Washington, D.C.
11. **Borrie, S.A.** (2018, December). Syncing up for a good conversation: Exploring entrainment in clinical populations. *SimPhon Workshop*. Bad Krozingen, Germany.
12. **Borrie, S.A.** (2018, December). The value of experience: Leveraging shared indexical structure in understanding novel talkers. *What is Language Workshop*. University of Zurich, Switzerland.

13. **Borrie, S.A.** & Lansford, K.L. (2018, November). Ideas worth spreading: Perceptual training for remediation of dysarthric speech. *American Speech, Language and Hearing Association Convention*. Boston, MA.
14. Yoho, S.E. & **Borrie, S.A.** (2018, November). Relationship between perception of speech in noise and disordered speech: Influence of sensorineural hearing loss. *Acoustical Society of America*. Victoria, Canada.
15. Lansford, K.L. & **Borrie, S.A.** (2017, June). Use of crowdsourcing platforms to examine listener perception of disordered speech. *Acoustical Society of America*. Boston, MA.
16. **Borrie, S.A.** & Lansford, K.L. (2016, May). The role of rhythm perception in recognition and learning of disordered speech. *Acoustical Society of America*. Salt Lake City, UT.
17. **Borrie, S.A.** (2014, April). Disorders of conversation. *Speech Science Seminar*. University of Auckland, New Zealand.
18. **Borrie, S.A.** (2014, April). Disorders of conversation. *NZILLB Seminar Series*. New Zealand Institute of Language, Brain, and Behaviour, Christchurch, New Zealand
19. **Borrie, S.A.**, McAuliffe, M.J., Liss, J.M., Kirk, C., O'Beirne, G.A., & Anderson, T. (2010, July). Perceptual learning and intelligibility gains in dysarthria associated with Parkinson's disease. *Health Research Society Canterbury: Seminar Series*. Christchurch, New Zealand.

Peer-reviewed Conference Presentations

1. Budge*, S., Baylor, C., Barrett, T.S., & **Borrie, S.A.** (2024, February). A conversation-specific tool for measuring communicative participation in people with Parkinson's disease. *Conference on Motor Speech*. San Diego, CA.
2. Barrett, T.S., Stipancic, K., & **Borrie, S.A.** (2024, February). Automated scoring of the Speech Intelligibility Test using Autoscore. *Conference on Motor Speech*. San Diego, CA.
3. Fletcher, A., Wisler, A., Nalley*, B., Budge*, S., & **Borrie, S.A.** (2024, February). Effects of linguistic communication strategies for speakers with dysarthria. *Conference on Motor Speech*. San Diego, CA.
4. Wynn, C.J., Barrett, T.S., & **Borrie, S.A.** (2024, February). Conversational Speech is context dependent. *Conference on Motor Speech*. San Diego, CA.
5. Lansford, K.L., Hirsch*, M., Barrett, T.S., & **Borrie, S.A.** (2024, February). Cognitive and auditory predictors of dysarthric speech understanding in older adult listeners. *Conference on Motor Speech*. San Diego, CA.
6. Yoho, S.E., Barrett, T.S., Healy, E., & **Borrie, S.A.** (2024, February). Time-frequency based masking to improve understanding of dysarthric speech in noise for listeners with hearing loss. *Conference on Motor Speech*. San Diego, CA.
7. Portnova*, A., Fletcher, **Borrie, S.A.**, & A. Wisler, A. (2024, February). The effect of tracking errors in fundamental frequency analysis of speakers with hypokinetic dysarthria. *Conference on Motor Speech*. San Diego, CA.
8. Hirsch*, M., **Borrie, S.A.**, Kim, Y., Barrett, T.S., & Lansford, K.L. (2024, February). Listening effort during dysarthric speech perception. *Conference on Motor Speech*. San Diego, CA.
9. Adank, P., Wang*, H., Hepworth*, T., & **Borrie, S.A.** (2024, January). Perceptual learning of dysarthric speech requires phonological processing: a dual-task study. *Speech in Noise Workshop*. Potsdam, Germany.

10. Yoho, S.E., Barrett, T.S., & **Borrie, S.A.** (2023, December). Improving intelligibility of dysarthric speech in noise for listeners with hearing loss. *Acoustical Society of America*. Sydney, Australia.
11. Hirsch*, M.E., Bikulcius*, S., **Borrie, S.A.**, Kim, Y., Lansford, K.L. (2023, November). The influence of dysarthria on listening effort. *American Speech, Language and Hearing Association Convention*. Boston, MA.
12. Chieng*, A.C.J., Wong, T.P., Wynn, C.J, Barrett, T.S., & **Borrie, S.A.** (2023, November). Reusing each other's words: Lexical alignment in adult-child conversation. *American Speech, Language and Hearing Association Convention*. Boston, MA.
13. Wynn, C.J, & **Borrie, S.A.** (2023, October). A framework for aligning coordination research. *(Mis)alignment in Alignment Research*. Aix-en-Provence, France.
14. Chieng*, A.C.J., Wong, T.P., Wynn, C.J, & **Borrie, S.A.** (2023, October). Aligning speaking rate in adult-child interactions. *(Mis)alignment in Alignment Research*. Aix-en-Provence, France.
15. Wong, T.P., Chieng*, A.C.J., Wynn, C.J., Barrett, T.S., & **Borrie, S.A.** (2023, August). Following the autistic child's lead: Adult-child word coordination in online conversations. *15th International Conference on Child and Adolescent Psychopathology*. Kuching, Malaysia.
16. Chieng*, A.C.J., Wong, T.P., Wynn., C.J., Barrett, T.S., & **Borrie, S.A.** (2023, August). Bridging the communication gap: Lexical alignment in online interaction for autistic children aged 6-8 years old. *15th International Conference on Child and Adolescent Psychopathology*. Kuching, Malaysia.
17. Chieng*, A.C.J., Wong, T.P., Wynn., C.J., & **Borrie, S.A.** (2022, December). How do adult and child coordinate their words in an online interaction? *1st UNM Postgraduate and Early Career Researcher Conference*. Kuala Lumpur, Malaysia.
18. Wynn*, C.J., & **Borrie, S.A.** (2022, November). What does it take to coordinate your speech? *American Speech, Language and Hearing Association Convention*. New Orleans, LA.
19. Hendrix**, A., Lansford, K.L., Barrett, T.S., & **Borrie, S.A.** (2022, November). Relationship between listener motivation and perceptual learning of dysarthric speech. *American Speech, Language and Hearing Association Convention*. New Orleans, LA.
20. Fletcher, A., Potts*, M., & **Borrie, S.A.** (2022, November). Effect of education information on listener attitudes towards people with dysarthria. *American Speech, Language and Hearing Association Convention*. New Orleans, LA.
21. Fusaroli, M., Simonsen, A., **Borrie, S.A.**, Low, D.M., Parola, A., Raschi, E., Poluzzi, E., & Fusaroli, R. (September, 2022). Identifying medications underlying communication atypicalities in psychotic and affective disorders: A pharmacosurveillance study in the FDA Adverse Event Reporting System. *International Society of Pharmacovigilance*. Verona, Italy.
22. Chieng*, A.C.J., Wong, T.P., Wynn., C.J., & **Borrie, S.A.** (2022, August). Quantifying speech entrainment in an online adult-child interaction. *13th International Symposium of Health Sciences*. Kuala Lumpur, Malaysia.
23. **Borrie, S.A.**, Hepworth*, T., Lansford, K.L., Wynn*, C.J., & Hustad, K.C. (2022, August). Perceptual learning of dysarthric speech with adolescent populations. *International Conference on Speech Motor Control*. Groningen, Netherlands.
24. Fletcher, A., Wisler, A., Gruver**, E., & **Borrie, S.A.** (2022, February). Beyond speech intelligibility: Quantifying listener effort and engagement with dysarthric speech. *Conference on Motor Speech*. Charleston, SC.

25. Wynn*, C.J., Barrett, T.S., Berisha, V., Liss, J.M., & **Borrie, S.A.** (2022, February). Acoustic-prosodic entrainment in the conversations of neurotypical adolescents. *Conference on Motor Speech*. Charleston, SC.
26. Lansford, K.L., Barrett, T. S., & **Borrie, S.A.** (2022 February). Cognitive predictors of improved understanding of speakers with dysarthria. *Conference on Motor Speech*. Charleston, SC.
27. Wynn*, C.J, Barrett, T.S. & **Borrie, S.A.** (2021, November). Why is rhythm so important for conversation? *American Speech, Language and Hearing Association Convention*. Washington, D.C.
28. Hirsch*, M., Therrien, M., **Borrie, S.A.**, & Lansford, K.L. (2021, November). Listener comfort and its impact on successful communication: A qualitative analysis. *American Speech, Language and Hearing Association Convention*. Washington, D.C.
29. Josephson*, E., Wynn*, C.J, & **Borrie, S.A.** (2021, November). Articulatory precision in children and adults with autism spectrum disorder. *American Speech, Language and Hearing Association Convention*. Washington, D.C.
30. Chieng*, A.C.J., Wong, T.P., & **Borrie, S.A.** (2021, August). Building and validating a methodology to objectively quantify entrainment in the speech and language behaviors or neurotypical children. *3rd International Connect Conference*. Kuala Lumpur, Malaysia.
31. Wynn*, C.J, Barrett, T.S. & **Borrie, S.A.** (2021, June). The role of rhythm in conversational success. *Boston Speech Motor Control Symposium*. Online.
32. Wynn*, C.J., Watts*, J., & **Borrie, S.A.** (2020, November). Talking to the beat: Rhythmic abilities predict conversational entrainment. *American Speech, Language and Hearing Association Convention*. San Diego, CA.
33. Wynn*, C.J. & **Borrie, S.A.** (2020, November). A systematic framework for classifying conversational entrainment. *American Speech, Language and Hearing Association Convention*. San Diego, CA.
34. **Borrie, S.A.**, Barrett, T.S., Liss, J.M., & Berisha, V. (2020, February). Characterizing conversational entrainment in dysarthria: Current knowledge and future directions. *Conference on Motor Speech*. Santa Barbara, CA.
35. Lansford, K.L. **Borrie, S.A.**, & Barrett, T.S. (2020, February). Unpredictable speech degradation inhibits adaptation to dysarthric speech. *Conference on Motor Speech*. Santa Barbara, CA.
36. Wynn*, C.J., **Borrie, S.A.**, Vargas*, R.N., & Watts*, J. (2019, November). Playing with paradigms: Exploring methodologies for capturing conversational entrainment. *American Speech, Language and Hearing Association Convention*. Orlando, FL.
37. Budge*, S., **Borrie, S.A.**, Barrett, T.S., Yoho, S.E., Vargas*, R.N., & Lansford, K.L. (2019, November). Gamified perceptual learning of dysarthric speech. *American Speech, Language and Hearing Association Convention*. Orlando, FL.
38. Hirsh*, M., Lansford, K.L., **Borrie, S.A.**, & Barrett, T.S. (2019, November). Familiarization of dysarthric speech: Generalization between speakers of different sex. *American Speech, Language and Hearing Association Convention*. Orlando, FL.
39. Flechaus**, C., Lansford, K.L., Centrone**, A., Morgan**, M., **Borrie, S.A.**, & Madden, E. (2019, November). Imitate this: The effects of a vocal imitation task on the intelligibility of hyperkinetic speech. *American Speech, Language and Hearing Association Convention*. Orlando, FL.
40. Wolff**, J., Lansford, K.L., **Borrie, S.A.**, & Morris, R. (2019, November). The effects of a repeated and varied exposure task on intelligibility of hyperkinetic dysarthria. *American Speech, Language and Hearing Association Convention*. Orlando, FL.

41. Knollhoff, S., **Borrie, S.A.**, Scott**, K., & Searl, J. (2019, November). Listener impressions of alaryngeal communication modes. *American Speech, Language and Hearing Association Convention*. Orlando, FL.
42. Yoho, S. E., Thiede*, N., & **Borrie, S.A.** (2019, July). Stability of speech intelligibility across different noise environments. *International Congress on Sound and Vibration*. Montreal, Canada.
43. **Borrie, S.A.**, Yoho, S.E., & Barrett, T.S. (2019, February). An Open-Source, Automated Tool for Scoring Transcriptions of Speech. *Scientific and Technology Meeting of the American Auditory Society*. Scottsdale, AZ.
44. Yoho, S. E., Thiede*, N., & **Borrie, S.A.** (2019, February). Stability of speech intelligibility across different noise environments. *Scientific and Technology Meeting of the American Auditory Society*. Montreal, Canada.
45. **Borrie, S.A.** & Lansford, K.L. (2018, November). Listener-targeted training to improve intelligibility of dysarthric speech. *American Speech, Language and Hearing Association Convention*. Boston, MA.
46. Pope*, K., Wynn*, C.J., & **Borrie, S.A.** (2018, November). Going with the flow: Conversational entrainment in school age children. *American Speech, Language and Hearing Association Convention*. Boston, MA.
47. Yoho, S.E. & **Borrie, S.A.** (2018, November). Relationship between perception of speech in noise and disordered speech: Influence of sensorineural hearing loss. *Acoustical Society of America*. Victoria, Canada.
48. Al-dulaimi*, A., Budge*, S., **Borrie, S.A.**, Moon, T.K., & Gunther, J.H. (2018, October). A tool for training imitation accuracy. *Asilomar Conference on Signals, Systems, and Computers*. Pacific Grove, CA.
49. **Borrie, S.A.** & Lansford, K.L. (2018, May). The role of rhythm in adaptation to dysrhythmic speech, continued. *Acoustical Society of America*. Minneapolis, MS.
50. Yoho, S.E. & **Borrie, S.A.** (2018, May). The impact of combined degradations: Intelligibility of disordered speech in noise. *Acoustical Society of America*. Minneapolis, MS.
51. Grimm*, M.X., **Borrie, S.A.**, & Dorsch, T. E. (2018, March). A pilot study of parent-child conversation dynamics and sports goals. *Utah Council on Family Relations Annual Conference*. Provo, UT.
52. Lansford, K.L., **Borrie, S.A.**, Luhrsen*, S., & Ingvalson, E. (2018, February). Effects of familiarization on intelligibility of dysarthric speech in older adults with and without hearing loss. *Conference on Motor Speech*. Savannah, GA.
53. **Borrie, S.A.** & Lansford, K.L. (2018, February). Generalized adaptation to dysarthric speech. *Conference on Motor Speech*. Savannah, GA.
54. **Borrie, S.A.** & Lansford, K.L. (2017, November). Prior experience and adaptation to disordered speech. *Meeting of the Psychonomics Society*. Vancouver, Canada.
55. Luhrsen*, S., Lansford, K.L., **Borrie, S.A.**, Ingvalson, E., & Morris, P. (2017, November). Perceptual Learning of Dysarthric Speech: Age-Related Consequences. *American Speech, Language and Hearing Association Convention*. Los Angeles, CA.
56. Parker*, M.A. & **Borrie, S.A.** (2017, November). The influence of vocal fry on listener judgments of intelligence and likeability. *Meeting of the Psychonomics Society*. Vancouver, Canada.
57. Lansford, K.L. & **Borrie, S.A.** (2017, June). Use of crowdsourcing platforms to examine listener perception of disordered speech. *Acoustical Society of America*. Boston, MA.
58. McLaughlin**, D., Baese-Berk, M., Bent, T., **Borrie, S.A.**, & Van Engen, K. (2017, June). Individual variation in the perception of different types of speech degradation. *Acoustical Society of America*. Boston, MA.

59. Yonehiro**, J., Duran, N.D., & **Borrie, S.A.** (2017, May). The contribution of speech rhythms to listener perceptions of likability and comprehensibility. *Annual Convention of the Association for Psychological Science*. Boston, MA.
60. McLaughlin**, D., Baese-Berk, M., Bent, T., **Borrie, S.A.**, & Van Engen, K. (2017, May). Individual variation in the perception of different types of speech degradation. *Northwest Phonetics and Phonology Conference*. Vancouver, Canada.
61. **Borrie, S.A.** & Lansford, K.L. (2016, November). Locus of learning in musicians and non-musicians following familiarization with dysarthria. *Meeting of the Psychonomic Society*. Boston, MA.
62. Wynn*, C.J. & **Borrie, S.A.** (2016, November). Speech rate entrainment in children and adults with autism spectrum disorder. *American Speech, Language and Hearing Association Convention*. Philadelphia, PA.
63. Baese-Berk, M., Bent, T., **Borrie, S.A.**, & McKee**, M. (2016, May). Individual differences in perception of unfamiliar speech. *Northwest Phonetics and Phonology Conference*. Eugene, OR.
64. **Borrie, S.A.** & Schäfer, M.C.M. (2016, March). Imitation improves recognition of disordered speech. *Conference on Motor Speech*. Newport Beach, California.
65. **Borrie, S.A.**, Lubold*, N., & Pon-Barry, H. (2015, November). Disordered speech disrupts conversational entrainment: A study of acoustic-prosodic entrainment and communicative success in populations with communication challenges. *Psychonomic Society Annual Meeting*, Chicago, Illinois.
66. Lansford, K.L., **Borrie, S.A.**, Bystricky**, L., Bates**, L., Gray**, D., & Suveg**, J. (2015, November). Use of crowdsourcing to assess the ecological validity of perceptual training paradigms in dysarthria. *American Speech, Language and Hearing Association Convention*. Denver, CO.
67. Baese-Berk, M., Bent, T., **Borrie, S.A.**, & McKee**, M. (2015, August). Individual differences in perception of unfamiliar speech. *International Congress of Phonetic Science*. Glasgow, Scotland.
68. **Borrie, S.A.**, Berisha, V., & Liss, J.M. (2014, November). Computational modeling of conversational entrainment: A novel framework for examining spoken interaction in communication disorders. *Psychonomic Society Annual Meeting*. Long Beach, CA.
69. **Borrie, S.A.**, Berisha, V., & Liss, J.M. (2014, June). Modelling spoken interaction in communication disorders. *Finding Common Ground: Social, Ecological, and Cognitive Perspectives on Language Use*. Storrs, CT.
70. **Borrie, S.A.**, Liss, J.M., & Berisha, V. (2014, February). Conversational entrainment: A novel framework for modeling communication interactions in motor speech disorders. *Conference on Motor Speech*. Sarasota, FL.
71. **Borrie, S.A.**, Torres**, H. & Liss, J.M. (2013, June). Rhythm as a coordinating device: Entrainment with dysarthric speech. *Conference on Cognitive Hearing Science for Communication*. Linköping, Sweden.
72. **Borrie, S.A.**, McAuliffe, M.J., Liss, J.M., O'Beirne, G.A., & Anderson, T. (2011, November). The role of linguistic and indexical information in improved recognition of dysarthric speech. *Acoustical Society of America*. San Diego, CA.
73. Broadmore, S., McAuliffe, M.J., **Borrie, S.A.**, & O'Beirne, G.A. (2011, January). Influences on listener strategies in the perception of dysarthric speech. *Asia Pacific Conference on Speech, Language, and Hearing*. Christchurch, New Zealand.
74. **Borrie, S.A.**, McAuliffe, M.J., Liss, J.M., O'Beirne, G.A., & Anderson, T. (2011, January). Perceptual learning of hypokinetic dysarthria: A follow-up investigation into the mechanisms that underlie passive and explicit learning of dysarthric speech. *Asia Pacific Conference on Speech, Language, and Hearing*. Christchurch, New Zealand.

75. **Borrie, S.A.**, McAuliffe, M.J., Liss, J.M., Kirk, C., O'Beirne, G.A., & Anderson, T. (2010, March). A comparison of familiarisation modes on perceptual learning and speech intelligibility of hypokinetic dysarthria. *Conference on Motor Speech*. Savannah, GA.
76. **Borrie, S.A.**, McAuliffe, M.J., Liss, J.M., Kirk, C., O'Beirne, G.A., & Anderson, T. (2009, April). Learning to better understand distorted speech: An investigation into perceptual learning of dysarthria. *New Zealand Speech-language Therapists' Association Conference*. Wellington, New Zealand.
77. McAuliffe, M.J., **Borrie, S.A.**, & Schäfer, M. (2009, April). Motor speech disorders: Time to refuel. *New Zealand Speech-language Therapists' Association Conference*. Wellington, New Zealand.
78. McAuliffe, M.J., **Borrie, S.A.**, Tillard, G., Anderson, T., & Hornibrook, J. (2006, April). The effects of the Lee Silverman Voice Treatment program upon articulation in individuals with Parkinson's disease. *New Zealand Speech-language Therapists' Association Conference*. Christchurch, New Zealand.

MEDIA AND NEWS RECOGNITION

- Utah State Today. (2023). [USU-Led Research Team Aims to Crack the Code of Conversations for People with Parkinson's disease.](#)
- Fox 13 News. (2022). [Utah State University study examines conversation rhythm.](#)
- Utah Public Radio. (2022). [Study finds that higher rhythmic skill translates into better conversations.](#)
- TIME Magazine. (2017). [You Asked: What is Vocal Fry?](#)
- Utah State University College of Education and Human Services Blog (2017). [Breaking Barriers in Communication: New Research Could Improve Communication for Patients with Parkinson's Disease.](#)
- Utah State Today (2015). [Novel Approach Earns USU Assistant Professor National Recognition.](#)
- New Zealand Listener (2012). [Lost for words: developing treatment for dysarthria.](#)

HONORS AND AWARDS

2023	Department Faculty Researcher of the Year
2020	Department Faculty Researcher of the Year
2018	Department Faculty Researcher of the Year
2017	Presenter at TEDxUSU, " Entrainment and the dance of conversation. "
2015	Awarded Fellow of the Psychonomic Society
2014	Journal of Speech, Language, and Hearing Research Speech Editor's Award: Rhythm as a coordinating device: Entrainment with disordered speech
2014	Psychonomic Society Select-Speaker Award
2013	Pathways Program Awardee, American Speech-Language-Hearing Foundation
2013	Neurological Foundation of New Zealand Travel Grant
2011	Jean Seabrook Prize, Top Ph.D. Award, University of Canterbury
2010	New Zealand Federation of Graduate Women Travel Grant
2009	Research Excellence Award, NZ Speech-Language Therapists' Association
2008–2011	University of Canterbury Doctoral Scholarship
2005	Freemasons University Scholarship

TEACHING

- 2021 Neuroscience Doctoral Seminar: 1 credit, ~15 doctoral students
2019–Present Acquired Communication Disorders: 3 credits, ~100 undergraduate students (online class) and ~50 undergraduate students (in-person class)
2014–Present Motor Speech Disorder: ~25 graduate students
2014–2018 Speech Science: 3 credits, ~50 undergraduate students
2013 Neuromotor Speech Disorders: 3 credits ~30 graduate students
2010–2011 Introduction to Acquired Communication Disorders: 3 credits ~100 students
2010–2011 Motor Speech Disorders: 3 credits ~30 undergraduate students

STUDENT SUPERVISION

Postdoctoral Researchers Primary Supervision

1. Katrina Tetzloff, USU, 2024–

Postdoctoral Researchers Secondary Supervision

1. Nichola Lubold, Arizona State University, 2019–2021
 - Current Position: Research Scientist at Honeywell
2. Megan Willi, Arizona State University, 2017–2018
 - Current Position: Assistant Professor, California State University

Doctoral Students Committee Chair

1. Samantha Budge, expected December 2025, Neuroscience (emphasis in Speech Pathology)
 - Awards: Presidential Doctoral Research Fellow
2. Camille Wynn, May 2022, Neuroscience (emphasis in Speech Pathology)
 - Current Position: Assistant Professor, University of Houston
 - Awards: Presidential Doctoral Research Fellow; NIH F31 awardee, USU Graduate Research and Creative Opportunities Grant; ASH Foundation New Century Doctoral Fellowship, Doctoral Student Researcher of the Year, Graduate Teacher of the Year

Doctoral Students Committee Member

1. Xiyuan Li, expected August 2027, University of College London, Speech Science
2. Rachel William, expected May 2026, University of Texas, El Paso, Psychology
3. Adriana Chieng, expected May 2026, University of Nottingham Malaysia, Education
4. Emilee Mertens, expected May 2026, Utah State University, Audiology
5. Jennifer Zicka, expected May 2025, Utah State University, Audiology
6. Micah Hirsch, expected May 2024, Florida State University, Speech-Language Pathology
7. Stephanie Johnson, May 2023, Utah State University, Audiology
8. Kari Loehr, May 2022, Utah State University, Audiology
9. Al-Waled Aldulaimi, May 2021, Utah State University, Engineering
10. Sarai Holbrook, May 2020, Utah State University, Speech-Language Pathology
11. Shea Long, May 2020, Utah State University, Audiology
12. Dane Whittaker, May 2020, Utah State University, Audiology
13. Taylor Chafin, May 2020, Utah State University, Audiology
14. Madison Murphy Guirres, May 2019, Utah State University, Audiology

Master's Students Committee Chair

1. Taylor Hepworth, May 2023, Utah State University, Communicative Disorders
2. Elizabeth Josephson, May 2021, Utah State University, Communicative Disorders
3. Samantha Budge, May 2020, Utah State University, Communicative Disorders
4. Kiersten Pope, May 2019, Utah State University, Communicative Disorders
5. Michelle Parker, May 2018, Utah State University, Communicative Disorders
6. Camille Wynn, May 2017, Utah State University, Communicative Disorders
7. Kirsten Jensen, May 2016, Utah State University, Communicative Disorders

Master's Students Committee Member

1. Alena Portnova, May 2023, Utah State University, Communicative Disorders
2. Micah Hirsch, May 2019, Florida State University, Speech and Hearing Sciences
3. Elizabeth Fall, May 2015, Arizona State University, Speech and Hearing Sciences
4. Christine Delfino, May 2015, Arizona State University, Speech and Hearing Sciences
5. Sharon Broadmore, December 2012, University of Canterbury, Speech-Language Pathology

Undergraduate Student Advising

1. Taylia Norris, expected May 2024, Utah State University, Communicative Disorders
2. Macie Armstrong, May 2023, Utah State University, Communicative Disorders
3. Cassandra Kaveh, May 2023, Utah State University, Communicative Disorders
4. Nicole Green, May 2022, Utah State University, Communicative Disorders
5. Sadie Magre, May 2022, Utah State University, Communicative Disorders
6. Chanelle Thomas, May 2022, Utah State University, Communicative Disorders
7. Jessica Watts, May 2021, Utah State University, Communicative Disorders
8. Makiah Syndergaard, May 2021, Utah State University, Communicative Disorders
9. Kylee Okerlund, May 2018, Utah State University, Communicative Disorders
10. Marissa Miller, May 2017, Utah State University, Communicative Disorders
11. Danielle Smith, May 2017, Utah State University, Communicative Disorders
12. Michelle Parker, May 2016, Utah State University, Communicative Disorders
13. LeaKin Clark, May 2016, Utah State University, Communicative Disorders
14. Rachel Malmgren, May 2016, Utah State University, Communicative Disorders
15. Megan Clark, May 2015, Utah State University, Communicative Disorders
16. Cindie Boyer, May 2015, Utah State University, Communicative Disorders
17. Camille Wynn, May 2015, Utah State University, Communicative Disorders

SERVICE TO PROFESSION

International Service

Doctoral Thesis Examiner and Academic Lead for Oral Examination (2018)

- Matthews, R. University of Auckland, New Zealand

Grant Reviewer

- Netherlands Institute for Advanced Study in the Humanities and Social Sciences (2018)

National Service

Editor

- Journal of Speech, Language, and Hearing Research (2020–2022)

Guest Editor

- Journal of Speech, Language, and Hearing Research (2017–2019)

Editorial Board Member

- Journal of Speech, Language, and Hearing Research (2019)

Grant Reviewer

- ASH Foundation Research Grants (2020)

Ad Hoc Scholarly Reviewer

- Journal of Speech, Language, and Hearing Research
- American Journal of Speech-Language Pathology
- Journal of Acoustical Society of America
- Journal of Experimental Psychology: Human Perception and Performance
- Journal of Memory and Language
- Cognition
- Folia Phoniatica et Logopaedica
- Journal of Communication Disorders
- International Journal of Language & Communication Disorders
- Journal of Clinical Practice in Speech-Language Pathology

Conference Committees and Session Chairs

- Committee Member, Annual Utah Performance Voice Conference (2024 meeting)
- Committee Member, Conference on Motor Speech (2022 convention)
- Committee Member, American Speech-Language-Hearing Association Convention Speech and Language Science Topic (2022 convention)
- Topic Chair, American Speech-Language-Hearing Association Convention Speech and Language Science Topic (2020 convention)
- Committee Member, American Speech-Language-Hearing Association Convention Motor Speech Disorders Topic (2016 and 2017 conventions)
- Committee Member, Psychonomics Graduate Travel Awards (2015 and 2016)
- Session Chair, Meeting of the Acoustical Society of America (2018 meeting)
- Session Chair, Psychonomics Society Meeting (2016 meeting)

Formal Mentorship Programs

- Academic-Research Careers (MARC) Mentor, American Speech-Language-Hearing Association (2021–2022)

Professional Leadership

- Area Representative, New Zealand Speech-Language Therapists' Association (NZSTA), Northland, New Zealand (2006–2008)

Utah State University, College, and Department Service

- Director, Neuroscience Ph.D. Program, 2023–Present
- Member, Promotion advisory committee, Becky Hermann, Nursing, 2023–Present
- Chair, Promotion advisory committee, Annalise Fletcher, COMDDE, 2021–Present
- Chair, Promotion advisory committee, Emilee Packer, COMDDE, 2021–Present
- Member, Promotion advisory committee, Kendra Schofield, COMDDE, 2021–Present
- Member, Promotion advisory committee, Jared Fulgham, COMDDE, 2021–Present
- Member, Faculty Senate, 2018–2021
- Member, Academic Freedom and Tenure, Faculty Senate Committee, 2018–2021
- Member, Research Council, College of Education and Human Services, 2020–Present
- Member, Neuroscience Ph.D. Program, 2017–Present
- Member, Disability Disciplines Ph.D. Program, 2014–Present
- Member, Speech-Language Pathology Graduate Admissions, 2015–2020
- Member, Speech-Language Pathology Comprehensive Exams, 2022
- Member, Tenure Track Faculty Search, COMDDE, 2015, 2017, 2018, 2021, 2023
- External member, Tenure Track Faculty Search, Kinesiology & Health Science, 2019

MEMBERSHIP IN SCIENTIFIC ORGANIZATIONS

Acoustical Society of America, Member, 2018–Present

Psychonomic Society, Fellow, 2015–Present

American Speech-Language-Hearing Association, Member, 2015–Present

Women in Cognitive Science, 2014–Present

Acoustical Society of America, Associate, 2016–2018

Psychonomic Society, Member, 2013–2014

New Zealand Speech-Language Therapists' Association, Member, 2008–2012