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EDUCATION

- 2002 Ph.D., Audiology and Cognitive Science, Indiana University
- 1993 M.A., Audiology, University of Maryland at College Park
- 1990 B.A., Hearing and Speech Sciences, University of Maryland at College Park

PROFESSIONAL EXPERIENCE

- 2023- Director of Graduate Studies, Audiology, Department of Communication Sciences and Disorders
University of Utah
- 2014- Associate Professor, Department of Communication Sciences and Disorders
University of Utah
- 2010-2014 Assistant Professor, Department of Communication Sciences and Disorders
University of Utah
- 2010 Research Associate, Schiefelbusch Institute of Life Span Studies
University of Kansas
- 2002-2010 Assistant Professor, Department of Speech-Language-Hearing: Sciences and Disorders
University of Kansas
- 2001 Associate Instructor, Department of Speech and Hearing Sciences
Indiana University
- 1999-2000 Supervising Audiologist, Benton-IU Project, Department of Speech and Hearing Sciences
Indiana University
- 1998-2002 Research Assistant, Speech Psychophysics Laboratory, Department of Speech and Hearing Sciences
Indiana University
- 1995-1997 Research and Clinical Audiologist, Division of Otolaryngology, Department of Surgery
University of Maryland Medical Center
- 1994-1995 Research and Clinical Audiologist, Department of Otorhinolaryngology and Communicative Sciences
Medical University of South Carolina

PROFESSIONAL CREDENTIALS AND AFFILIATIONS

- 2023- Member, Disability Collective, University of Utah
- 2020- Member, Cognitive Linguistic Aficionado Research Group, University of Utah
- 2013- Research Associate, Utah Center for Vocology (formerly National Center for Voice and Speech), University of Utah
- 2010- Member, Center on Aging, University of Utah
- 2005-2010 Associate, Gerontology Program, University of Kansas
- 1995-present Certificate of Clinical Competence in Audiology, American Speech-Language-Hearing Association

PROFESSIONAL MEMBERSHIPS

Acoustical Society of America

American Speech-Language-Hearing Association

* Award for Continuing Education, 2009, 2012, and 2015

ASHA Special Interest Group 7, Auditory Rehabilitation (formerly Aural Rehabilitation and Its Instrumentation)

ASHA Special Interest Group 19, Speech Science

([Ⓢ] indicates activity after receiving tenure in spring 2014)

RESEARCH HONORS AND AWARDS

- [Ⓢ] 2016 Research Mentoring-Pair Travel Award, American Speech-Language-Hearing Association
- 2010 Article appearing in *Journal of the American Academy of Audiology* (Ferguson et al., 2010) selected for inclusion in the JAAA CEU program
- 2008 “ASHF-RSAC Grant Review and Reviewer Training Program” Travel Fellowship, American Speech-Language-Hearing Foundation and American Speech-Language-Hearing Association Research and Scientific Affairs Committee
- 2007 Article appearing in *Journal of Speech, Language, and Hearing Research* (Ferguson & Kewley-Port, 2007) selected for inclusion in the American Speech-Language-Hearing Association eLearning program
- 2007-2008 National Institutes of Health Extramural Loan Repayment Program for Clinical Research, Competitive Renewal
- 2005-2007 National Institutes of Health Extramural Loan Repayment Program for Clinical Research
- 2005 “Lessons for Success” Workshop Travel Fellowship, American Speech-Language-Hearing Association
- 2004 “Second Clinical Research Conference” Travel Fellowship, Deafness Research Foundation

RESEARCH GRANTS

FUNDED

- Mentoring team member, National Institutes of Health (NIDCD) Research Supplement to Promote Diversity in Health-Related Research: *Evaluating aperiodic neural activity as a marker of listening effort in speech perception*, PI: Brennan Payne, 9/6/23-11/31/24 (award total: \$69,947).
 - Co-Investigator, National Institutes of Health (NIDCD) Early Career Research Award (R21): *Understanding the effects of listening effort on sentence processing and memory in sensorineural hearing loss: Evidence from simultaneous electrophysiology and pupillometry*, PI: Brennan Payne, 12/1/21-11/30/24 (award total: \$300,000).
 - Co-Investigator, University of Utah Center on Aging Pilot Grant Program: *Neurocognitive Effects of Listening Effort in Age-Related Sensorineural Hearing Loss*, PI: Brennan Payne, 7/1/20-6/30/21, extended to 6/30/22. (award total: \$17,250).
 - Consultant, National Institutes of Health Small Business Innovation Research (SBIR) Phase I Grant: *Feasibility Testing of a Microphone System to Facilitate Patient Communication During Noninvasive Ventilation*, PI: Lara Brewer, 7/1/20-6/30/21, extended to 03/31/22. (award total: \$224,224).
 - Consultant, National Institutes of Health (NIGMS) Support of Competitive Research (SCORE) Pilot Project Award (SC2): *Rhythmic Entrainment in Bilingual Speakers with Dysarthria*, PI: Alison Behrman, 2017-2020 (Award total: \$300,000).
 - Team member, American Speech-Language-Hearing Foundation 2016 Clinical Research Grant: *The Clear Speech Benefit in Spanish-Accented Speakers of American English*, PI: Alison Behrman, 2016-2017 (Award total: \$50,000).
- Investigator, National Institutes of Health (NIDCD) R01 Research Project Grant: *Gender Differences and Speech Accommodation in Occupational Settings*, PI: Eric J. Hunter, 2013-2018 (Award total: \$2,753,900.00).
- Principal Investigator, University of Kansas General Research Fund Award: *Intelligibility of Foreign-Accented Speech in Noise*, 2008-2009 (Award total: \$1,790.40).
- Principal Investigator, National Institutes of Health R03 Small Grant Award (DC008886): *Acoustic Correlates of Clear speech*, 2007-2010 (Award total: \$320,641).
- Principal Investigator, American Speech-Language-Hearing Association Advancing Academic-Research Careers (AARC) Award, 2004- 2005 (Award total: \$5,000).
- Principal Investigator, University of Kansas New Faculty Research Fund Award: *Talker Differences in Clear and Conversational Speech Intelligibility for Elderly Hearing-Impaired Listeners*, 2003 –2004 (Award total: \$7,700).
- Principal Investigator, American Speech-Language-Hearing Foundation Student Research Award in Audiology: *Vowels in Clear and Conversational Speech*, 1999 (Award total: \$2,000).

GRANTS IN PREPARATION OR REVISION

- Co-Investigator, National Institutes of Health (NIDCD) R01 Research Project Grant: *Multisensory integration of text captioned speech in age-related hearing loss*, PI: Brennan Payne. In preparation for submission in June 2024.

NOT FUNDED

- Investigator, National Institutes of Health (NIDCD) R01 Research Project Grant: *Vocal Effort and Vocal Health*, PI: Eric Hunter (subcontract total \approx \$600,000). Revision submitted March 5, 2023 (original submission October 6, 2020).
 - Consultant, National Science Foundation Grant: *Variability in Speech Production: The Role of Feature Cues in Production Planning*, PI: Brett Myers (award total: \$138,525). Submitted August 1, 2022.
 - Investigator, National Institutes of Health (NIDCD) R01 Research Project Grant: *Protecting teachers' voices: Investigating Risk Factors, Conducting Cost Analyses*, PI: Eric J. Hunter, 2019-2024. Submitted March 5, 2019.
 - Mentoring team member, National Institutes of Health (NIA) Paul Beeson Emerging Career Development Awards in Aging (K76): *Exploring the Impact of Hearing Loss on Impaired Cognition in Older Adults*, PI: Richard K. Gurgel, submitted November 15, 2016.
 - Mentoring team member, National Institutes of Health (NIA) K23 Mentored Patient-Oriented Research Career Development Awards, Paul Beeson Career Development Awards in Aging Research: *Exploring the Impact of Hearing Loss on Impaired Cognition in Older Adults*, PI: Richard K. Gurgel, submitted February 15, 2016.
- Collaborator, American Speech-Language-Hearing Foundation Clinical Research Grant: *An Acoustic Study of the Clear Speech Benefit in Nonnative Speakers of American English*, PI: Alison Behrman, submitted April 24, 2014.
- Co-Principal Investigator, National Science Foundation Robust Intelligence Medium Collaborative Research Grant: *Making Conversational Speech More Intelligible* (award total: \$1,200,000) submitted November 6, 2013.
- Co-Principal Investigator, National Institutes of Health (NIA) R01 Research Project Grant: *Perception of accented speech by older adults* (award total \approx \$1,480,000). Submitted June, 2009.

PUBLICATIONS (*denotes author as a student mentee)

INVITED ARTICLES

- Morgan, S.D., **Ferguson, S.H.**, Jennings, S.G., & Crain*, A.D. (2022). Perceived anger in clear and conversational speech: Contributions of age and hearing loss. *Brain Sciences*, 12(2), 210. <https://www.mdpi.com/2076-3425/12/2/210>

REFEREED ARTICLES

- Silcox, J.W.*, Bennett, K., Copeland, A., **Ferguson, S.H.**, & Payne, B.R. (2024). The costs (and benefits?) of effortful listening for older adults: Insights from simultaneous electrophysiology, pupillometry and memory. *Journal of Cognitive Neuroscience*. https://doi.org/10.1162/jocn_a_02161
- **Ferguson, S.H.**, Hunter, E.J., & Morgan, S.D. (2024). Within-talker and within-session stability of acoustic characteristics of conversational and clear speaking styles. *Journal of the Acoustical Society of America*, 155, 44-55. <https://doi.org/10.1121/10.0024241>
- Young, E.D.* , **Ferguson, S.H.**, Brewer, L.M., Schiedermayer, B.F., Brown, S.M., Leither, L.M. (2023). Using a novel in-mask non-invasive ventilator microphone to improve talker intelligibility in healthy and hospitalized adults. *International Journal of Speech-Language Pathology*. DOI: 10.1080/17549507.2023.2251726
- **Ferguson, S.H.**, Wageck, M.* , & Young, E.D.* (2023). Acoustic properties of anger in clear and conversational speech. *Perspectives of the ASHA Special Interest Groups*, 8, 448-454. https://doi.org/doi:10.1044/2023_PERSP-22-00219
- Crandell, H.A.* , Silcox, J.W.* , **Ferguson, S.H.**, Lohani, M., & Payne, B.R. (2022). The effects of captioning errors, background noise, and hearing loss on memory for text-captioned speech. *Journal of Speech, Language, and Hearing Research*, 65(6), 2364-2390. doi:10.1044/2022_JSLHR-21-00416
- Payne, B.R., Silcox, J.* , Lash, A., **Ferguson, S.H.**, & Lohani, M. (2022). Text captioning buffers against the effects of background noise and hearing loss on memory for speech. *Ear and Hearing*, 43, 115-127. doi: 10.1097/AUD.0000000000001079
- Stehr, D.A., Hickok, G., **Ferguson, S.H.**, & Grossman, E.D. (2021). Examining vocal attractiveness through measures of articulatory working space. *Journal of the Acoustical Society of America*, 150, 1548-1564. doi: 10.1121/10.0005730
- Schilaty, S.* , **Ferguson, S.H.**, Morgan, S.D., & Champougny, C.* (2021). Intelligibility of British English for American younger and older adults with and without hearing loss. *Journal of the American Academy of Audiology*, 32, 10-15. doi: 10.1055/s-0040-1719094
- Behrman, A., **Ferguson, S.H.**, & Flom, P. (2020). The effects of clear speech on American English listener perception of Spanish-accented and native English speech. *Perspectives of the ASHA Special Interest Groups*, 5, 1698-1709. https://doi.org/10.1044/2020_PERSP-19-00171
- Johnson, E.* , Morgan, S., & **Ferguson, S.H.** (2020). Does time compression decrease intelligibility for female talkers more than for male talkers? *Journal of Speech, Language, and Hearing Research*, 63, 1083-1092. doi: 10.1044/2020_JSLHR-19-00301
- Behrman, A., **Ferguson, S.H.**, & Moeyart, M. (2019). The effect of clear speech on temporal metrics of rhythm in Spanish-accented speakers of English. *Language and Speech*, 62, 5-29. doi: 10.1177/0023830917737109
- **Ferguson, S.H.**, & Morgan, S.D.* (2018). Acoustic and perceptual correlates of subjectively rated sentence clarity in clear and conversational speech. *Journal of Speech, Language, and Hearing Research*, 61, 159-173. doi:10.1044/2017_JSLHR-H-17-0082

- Morgan, S. D.*, & **Ferguson, S. H.** (2017). Judgments of emotion in clear and conversational speech by young adults with normal hearing and older adults with hearing impairment. *Journal of Speech, Language, and Hearing Research*, *60*, 2271-2280. doi:10.1044/201_JSLHR-H-16-0264
- Hunter, E.J., & **Ferguson, S.H.** (2017). Listener judgments of age in a single-talker, 50-year longitudinal sample. *Journal of Communication Disorders*, *68*, 103-112. <https://doi.org/10.1121/1.4799012>
- Hunter, E.J., **Ferguson, S.H.**, & Newman, C.A. (2015). Listener estimations of talker age: A meta-analysis of the literature. *Logopedics Phoniatrics Vocology*, *41*, 101-105. <https://doi.org/10.3109/14015439.2015.1009160>
- Jensen, R.C.*, & **Ferguson, S.H.** (2015). Music perception in adult users of cochlear implants: A brief review. *Perspectives on Aural Rehabilitation and Its Instrumentation*, *22*, 4-11. <https://doi.org/10.1044/arii22.1.4>
- **Ferguson, S.H.**, & Quené, H. (2014). Acoustic correlates of vowel intelligibility in clear and conversational speech for young normal-hearing and elderly hearing-impaired listeners. *Journal of the Acoustical Society of America*, *135*, 3570-3584. <https://doi.org/10.1121/1.4874596>
- Oder, A.*, Clopper, C.G., & **Ferguson, S.H.** (2013). Effects of dialect on vowel acoustics and intelligibility. *Journal of the International Phonetic Association*, *43*, 23-35. <https://doi.org/10.1017/S0025100312000333>
- Lobdell, A.*, Dansie, J., & **Ferguson, S.H.** (2013). Building a cochlear implant practice: Five lessons learned. *Perspectives on Aural Rehabilitation and Its Instrumentation*, *20*, 14-21. <https://doi.org/10.1044/arii20.1.14>
- LaPierre, T.A., **Ferguson, S.H.**, & Jiregna, M.M.* (2012). Hearing loss in late life: How couples cope. *Journal of the Academy of Rehabilitative Audiology*, *45*, 75-97. https://www.audrehab.org/_files/ugd/caf823_be583cd47ea34b3d9bb027c9da637f7b.pdf
- Ferguson, S.H.** (2012). Talker differences in clear and conversational speech: Vowel intelligibility for listeners with hearing loss. *Journal of Speech, Language, and Hearing Research*, *55*, 779-790. [https://doi.org/10.1044/1092-4388\(2011/10-0342\)](https://doi.org/10.1044/1092-4388(2011/10-0342))
- Ferguson, S.H.**, Poore, M.A.*, & Shrivastav, R. Acoustic correlates of reported clear speech strategies. (2010). *Journal of the Academy of Rehabilitative Audiology*, *43*. 45-64. https://www.audrehab.org/_files/ugd/caf823_fccc0bb4b596427cb742c7c180c96144.pdf
- Bent, T., Kewley-Port, D., & **Ferguson, S.H.** (2010). The influence of across-talker differences on non-native listeners' vowel perception. *Journal of the Acoustical Society of America*, *128*, 3142-3151. <https://doi.org/10.1121/1.3493428>
- Ferguson, S.H.**, Jongman, A., Sereno, J.A., & Keum, K.A.* (2010). Intelligibility of foreign-accented speech for older adults with and without hearing loss. *Journal of the American Academy of Audiology*, *21*, 153-162. <https://doi.org/10.3766/jaaa.21.3.3>
- Ferguson, S.H.**, & Kerr, E.E.* (2009). Subjective ratings of sentences in clear and conversational speech. *Journal of the Academy of Rehabilitative Audiology*, *42*, 51-66. https://www.audrehab.org/_files/ugd/caf823_246cca4e98a94d26b925108e6a3e9e85.pdf

- Poore, M.*, & **Ferguson, S.H.** (2008). Methodological variables in choral reading. *Clinical Linguistics and Phonetics*, 22, 13-22. <https://doi.org/10.1080/02699200701601971>
- Ferguson, S.H.**, & Kewley-Port, D. (2007). Talker differences in clear and conversational speech: Acoustic characteristics of vowels. *Journal of Speech, Language, and Hearing Research*, 50, 1241-1255. [https://doi.org/10.1044/1092-4388\(2007/087\)](https://doi.org/10.1044/1092-4388(2007/087))
- Ferguson, S.H.**, & Lee, J.* (2006). Vowel intelligibility in clear and conversational speech for cochlear implant users: A preliminary study. *Journal of the Academy of Rehabilitative Audiology*, 39, 1-16.
https://www.audrehab.org/_files/ugd/caf823_67c7a2b6848a4dc5baf22fb0a354133d.pdf
- Ferguson, S.H.** (2004). Talker differences in clear and conversational speech: Vowel intelligibility for normal-hearing listeners. *Journal of the Acoustical Society of America*, 116, 2365-2373. <https://doi.org/10.1121/1.1788730>
- Ferguson, S.H.**, & Kewley-Port, D. (2002). Vowel intelligibility in clear and conversational speech for normal-hearing and hearing-impaired listeners. *Journal of the Acoustical Society of America*, 112, 259-271. <https://doi.org/10.1121/1.1482078>
- Formby, C.C., Sherlock, L.P., & **Ferguson, S.H.** (2000). Enhancement of the edges of temporal masking functions by complex patterns of overshoot and undershoot. *Journal of the Acoustical Society of America*, 107, 2169-2187. <https://doi.org/10.1121/1.428498>
- Hargus, S.E.**, & Gordon-Salant, S. (1995). Accuracy of speech intelligibility index predictions for noise-masked young listeners with normal hearing and for elderly listeners with hearing impairment. *Journal of Speech and Hearing Research*, 38, 234-243.
<https://doi.org/10.1044/jshr.3801.234>

MANUSCRIPTS IN PREPARATION OR REVISION

- Young, E.D.*, Morgan, S.D., & **Ferguson, S.H.** Talker differences in perceived emotion in clear and conversational speech. In preparation for *Journal of the Acoustical Society of America* to submit by 5/15/24.
- Young, E.D.*, Morgan, S.D., & **Ferguson, S.H.** Perceived anger in clear and conversational speech: Acoustic correlates. In preparation for *Journal of the Acoustical Society of America* to submit by 6/30/24.
- Booz, J.A.*, **Ferguson, S.H.**, & Myers, B.R. Perceived gender in clear and conversational speech. In preparation for *Language and Speech* to submit by 7/15/24.
- **Ferguson, S.H.**, Morgan, S.D., & Hunter, E.J. Acoustic features and gender differences in clear and conversational speech produced in simulated environments. In preparation for *Journal of the Acoustical Society of America* to submit by 8/15/24.

OTHER RESEARCH PUBLICATIONS

- Berardi, M.L.*, Hunter, E.J., & **Ferguson, S.H.** (2017). Talker age estimation using machine learning. *Proceedings of Meetings on Acoustics*, 30, 040014.
- Morgan, S.D., & **Ferguson, S.H.** (2015). Perceived emotional valence in clear and conversational speech. *Proceedings of Meetings on Acoustics*, 21, 060008.

Hunter, E.J., **Ferguson, S.H.**, Mellum, C.A.*, & Rogers, L.R.* (2013). Listener judgments of age in a single-talker 48-year longitudinal sample. *Proceedings of Meetings in Acoustics*, 19, 0060079.

Kain, A., Hosom, J.-P., **Ferguson, S.H.**, & Bush, B. (2011). Creating a speech corpus with semispontaneous, parallel conversational and clear speech. Technical Report CSLU-11-003, Oregon Health & Science University.

PRESENTATIONS (*denotes author as a student mentee)

INVITED PRESENTATIONS

- **Ferguson, S.H.** (2024, May). *Vowels in clear and conversational speech: Intelligibility for listeners with hearing loss*. 186th Meeting of the Acoustical Society of America, Ottawa, Ontario, Canada.
 - **Ferguson, S.H.** (2021, May). *What might make clear speech clear: Lessons learned from the Ferguson Clear Speech Database*. Audiology Grand Rounds Presentation, Department of Communication Sciences and Disorders, University of South Florida.
 - **Ferguson, S.H.** (2019). *What might make clear speech clear: Lessons learned from the Ferguson Clear Speech Database*. Various versions presented to
 - Colloquium, Department of Speech, Language and Hearing Sciences, University of Connecticut, February 6, 2019.
 - Research Meeting, Voice Disorders Center, University of Utah, April 22, 2019.
 - Audiology Spring Symposium, Department of Communication Sciences and Disorders, University of Utah, April 26, 2019.
 - Booz, J.A.*, & **Ferguson, S.H.** (2016, May). *Perceived gender in clear and conversational speech*. 171st Meeting of the Acoustical Society of America, Salt Lake City, UT.
 - **Ferguson, S.H.** (2016, May). *Talker gender effects in the Ferguson Clear Speech Database*. 171st Meeting of the Acoustical Society of America, Salt Lake City, UT.
 - Hunter, E.J., **Ferguson, S.H.**, Leishman, T., Maxfield, L., Graetzer, S., & Bottalico, P. (2016, May). *Gender differences and speech accommodation in occupational settings*. 171st Meeting of the Acoustical Society of America, Salt Lake City, UT.
 - **Ferguson, S.H.** (2014, November). *Vowels and source-filter theory*. Monthly meeting of the National Association of Teachers of Singing, Northern Utah Chapter.
 - **Ferguson, S.H.**, & Rogers, L.R.* (2014, October). *Vowels in clear and conversational speech: Within-talker variability in acoustic characteristics*. 168th Meeting of the Acoustical Society of America, Indianapolis, IN.
- Ferguson, S.H.** (2014, April). *Changing statistics, changing stories: A tale of two studies*. Faculty Research Presentation, Department of Linguistics, University of Utah.
- Ferguson, S.H.** (2013, November). *Acoustic and perceptual characteristics of clear speech*. Monthly meeting of the Acoustics Research Group, Brigham Young University.
- Ferguson, S.H.** (2012, September). *The speech signal, hearing loss, and clear speech*. Monthly meeting of the Hearing Loss Association of Salt Lake City.

- Ferguson, S.H.** (2011, May). *Acoustic characteristics of clear speech with relation to perceptual characteristics and reported talker strategies*. Center for Spoken Language Understanding Seminar, Oregon Health & Science University.
- Ferguson, S.H.** (2010, November). *Perception of foreign-accented speech by older adults*. L2 Phonology Seminar, Department of Linguistics, University of Utah.
- Ferguson, S.H.** (2008, March). *Speech understanding in older adults*. “Communication and Related Issues in an Aging Population”, the 4th annual KUSSHA/KSHA Conference, Lawrence, KS.
- Bent, T., **Ferguson, S.H.**, & Kewley-Port, D. (2007, November). *Listener influences on vowel intelligibility*. 154th Meeting of the Acoustical Society of America, New Orleans, LA.

COMPETITIVELY REVIEWED PRESENTATIONS

- Young, E.D.* , Faulkner, K.* , McHugh, I.* , & **Ferguson, S.H.** (2024, May). *Intelligibility of British and American English in different listening conditions*. 186th Meeting of the Acoustical Society of America, Ottawa, ON, Canada.
- Young, E.D.* , Morgan, S.D., & **Ferguson, S.H.** (2023, May). *Acoustic correlates of perceived anger in the Ferguson Clear Speech Database*. 184th Meeting of the Acoustical Society of America, Chicago, IL.
- **Ferguson, S.H.**, Bennion, S.N.* , Smalley, T.E.* , & Young, E.D. (2023, May). *The role of voice fundamental frequency in the perception of anger in clear speech*. 184th Meeting of the Acoustical Society of America, Chicago, IL.
- Ellerston, J., **Ferguson, S.H.**, Young, E.* , & Hunter, E.J. (2022, June). *Vocal dosage for partners of people with hearing impairment*. The Voice Foundation’s 51st Annual Symposium: Care of the Professional Voice, Philadelphia, PA.
- Hunter, E.J., **Ferguson, S.H.**, & Morgan, S.D. (2022, June). *Within-session stability of vocal characteristics during repeated measures and different production styles*. The Voice Foundation’s 51st Annual Symposium: Care of the Professional Voice, Philadelphia, PA.
- Young, E.D.* , Ellerston, J.K., & **Ferguson, S.H.** (2022, May). *The relationship between perceived speech clarity and dysphonia: Preliminary investigation*. 182nd Meeting of the Acoustical Society of America, Denver, CO.
- Young, E.D.* , **Ferguson, S.H.**, Brewer, L.M., Schiedermayer, B., & Reddy, C. (2021, November). *Non-invasive ventilation microphone improves patient intelligibility in healthy young adults*. American Speech-Language-Hearing Association Convention, Washington, DC.
- Banajee, M.H., Cord, L., **Ferguson, S.H.**, & Kirsch, T. (2021, November). *Accreditation and public information*. American Speech-Language-Hearing Association Convention, Washington, DC.
- Wageck, M.* , **Ferguson, S.H.**, & Young, E.D. (2021, October). *What makes clear speech angry?* Academy of Rehabilitative Audiology Institute, Raleigh, NC.
- Young, E.D.* , Brewer, L.M., & **Ferguson, S. H.** (2021, March). *Feasibility testing of a microphone system to facilitate patient communication during noninvasive ventilation:*

Preliminary results. Utah Speech-Language Hearing Association 2021 Conference, Virtual Conference.

- Young, E.D.*, & **Ferguson, S.H.** (2020, December). *Talker differences in clear and conversational speech: Perceived emotional valence.* 179th Meeting of the Acoustical Society of America, Acoustics Virtually Everywhere.
- **Ferguson, S.H.**, Morisak, P.E.*, Thurston, S.*, Wilson, K.N.*, & Hunter, E.J. (2020, December). *Acoustic characteristics of conversational and clear speech produced in quiet and in noise by older adults with hearing loss.* 179th Meeting of the Acoustical Society of America, Acoustics Virtually Everywhere.
- van Mersbergen, M., Hunter, E.J., Berardi, M.L.*, **Ferguson, S.H.**, Whiting, S.V., & Beckham, B. (2020, November). *Vocal effort: The clinician's perspective of patient experience.* Proposal accepted at the American Speech-Language-Hearing Association Convention, San Diego, CA (Convention canceled).
- Young, E.D.*, & **Ferguson, S.H.** (2020, November). *Talker differences in clear and conversational speech: Perceived emotional valence.* Proposal accepted at the American Speech-Language-Hearing Association Convention, San Diego, CA (Convention canceled).
- Hunter, E.J., **Ferguson, S.H.**, & Cantor-Cutiva, L.C. (2019, December). *Two case studies of perceived age, perceived speech quality, and speech acoustics.* 178th Meeting of the Acoustical Society of America, San Diego, CA.
- Hunter, E.J., **Ferguson, S.H.**, & Cantor-Cutiva, L.C. (2019, June). *Perceived age, voice quality, and acoustic metrics: Two case studies of prominent individuals.* The Voice Foundation's 48th Annual Symposium: Care of the Professional Voice, Philadelphia, PA.
- **Ferguson, S.H.** (2019, May). *What *can* make clear speech clear: Lessons learned from the Ferguson Clear Speech Database.* 177th Meeting of the Acoustical Society of America, Louisville, KY.
- Behrman, A., **Ferguson, S.H.**, Madsen, C.N., & Jacob, M. (2018, November). *The effect of clear speech on listener perception of nonnative speech.* American Speech-Language-Hearing Association Convention, Boston, MA.
- Hunter, E., & **Ferguson, S.H.** (2018, November). *The aging voice: Perceived age & voice quality.* American Speech-Language-Hearing Association Convention, Boston, MA.
- Payne, B.R., Silcox, J.*, Lash, A., **Ferguson, S.H.**, & Lohani, M. (2018, November). *Text captioning reduces the effects of perceptual effort on speech memory.* 59th Meeting of the Psychonomic Society, New Orleans, LA.
- Payne, B.R., Silcox, J.*, Lash, A., **Ferguson, S.H.**, & Lohani, M. (2018, September). *Assistive text captioning offsets the effects of background noise on speech memory and pupillometry.* Academy of Rehabilitative Audiology Institute, Pittsburgh, PA.
- **Ferguson, S.H.**, Behrman, A., & Madsen, C.N. (2018, September). *The effect of clear speech on listener perception of nonnative speech.* Academy of Rehabilitative Audiology Institute, Pittsburgh, PA.

- **Ferguson, S.H.**, Behrman, A., & Staples, J.J.* (2018, May). *The effect of clear speech on listener perception of nonnative speech*. 175th Meeting of the Acoustical Society of America, Minneapolis, MN.
- Berardi, M.L.*, Staples, J.J.*, **Ferguson, S.H.**, & Hunter, E.J. (2018, May). *Speech formant changes due to repeated measurements, instruction, and simulated environments using both automated and manual feature extraction*. 175th Meeting of the Acoustical Society of America, Minneapolis, MN.
- **Ferguson, S.H.**, Hunter, E.J., & Staples, J.J.* (2017, December). *Acoustic features of spontaneous and read conversational and clear speech produced in simulated acoustic environments*. 174th Meeting of the Acoustical Society of America, New Orleans, LA.
- Morgan, S.D.*, **Ferguson, S.H.**, & Hunter, E.J. (2017, June). *Acoustic features and gender differences in clear and conversational speech produced in simulated environments*. 173rd Meeting of the Acoustical Society of America, Boston, MA.
- Berardi, M.*, Hunter, E.J., & **Ferguson, S.H.** (2017, June). *Talker age estimation using machine learning*. 173rd Meeting of the Acoustical Society of America, Boston, MA.
- Morgan, S.D.*, Jennings, S.G., & **Ferguson, S.H.** (2016, September). *Perceived emotion in clear speech: Effects of aging and simulated hearing loss*. Academy of Rehabilitative Audiology Institute, Vancouver, British Columbia, Canada.
- **Ferguson, S.H.** (2016, September). *Talker gender effects in the Ferguson Clear Speech Database*. XXXIII World Congress of Audiology, Vancouver, British Columbia.
- Champougny, C.*, **Ferguson, S.H.**, & Schilaty, S.* (2016, May). *Intelligibility of British English for American younger and older adults with and without hearing loss*. 171st Meeting of the Acoustical Society of America, Salt Lake City, UT.
- Johnson, E.M.*, & **Ferguson, S.H.** (2016, May). *Gender and rate effects on speech intelligibility*. 171st Meeting of the Acoustical Society of America, Salt Lake City, UT.
- Morgan, S.D., Jennings, S.G., & **Ferguson, S.H.** (2016, May). *Perceived anger in clear speech: Effect of simulated hearing loss*. 171st Meeting of the Acoustical Society of America, Salt Lake City, UT.
- Efremenkova, L., Behrman, A., & **Ferguson, S.H.** (2015, November). *Effect of clear speech on vowel intelligibility spoken by Spanish-accented speakers of American English*. American Speech-Language-Hearing Association Convention, Denver, CO.
- Huberman, L., Volney, D., Behrman, A., & **Ferguson, S.H.** (2015, November). *Does clear speech enhance intelligibility of Spanish-accented speakers of American English?*. American Speech-Language-Hearing Association Convention, Denver, CO.
- Morgan, S.D.*, & **Ferguson, S.H.** (2015, November). *Perceived emotion in clear speech: Older adults with hearing loss*. American Speech-Language-Hearing Association Convention, Denver, CO.
- **Ferguson, S.H.**, & Morgan, S.D.* (2015, November). *Acoustic and perceptual correlates of subjectively rated sentence clarity in clear and conversational speech*. 170th Meeting of the Acoustical Society of America, Jacksonville, FL.

- Morgan, S.D.*, & **Ferguson, S.H.** (2015, May). *Perceived emotional valence in clear and conversational speech for older adults with hearing loss*. 169th Meeting of the Acoustical Society of America, Pittsburgh, PA.
- **Ferguson, S.H.**, Morgan, S.D.*, Rogers, L.R.*, & Hunter, E.J. (2014, May). *Within-session stability of acoustic features of conversational and clear speech*. 167th Meeting of the Acoustical Society of America, Providence, RI.
- Morgan, S.D.*, & **Ferguson, S.H.**, (2014, May). *Perceived emotional valence in clear and conversational speech*. 167th Meeting of the Acoustical Society of America, Providence, RI.
- Ferguson, S.H.**, Hunter, E.J., Mellum, C.A.*, & Rogers, L.R.* (2013, June). *Listener judgments of age in a single-talker 48-year longitudinal sample*. Aging and Speech Communication: An International and Interdisciplinary Conference, Bloomington, IN.
- Ferguson, S.H.**, Hunter, E.J., Mellum, C.A.*, & Rogers, L.R.* (2013, June). *Listener judgments of age in a single-talker 48-year longitudinal sample*. 21st International Congress on Acoustics/165th Meeting of the Acoustical Society of America, Montreal, QC, Canada.
- Ferguson, S.H.**, & Quené, H. (2012, October). *Acoustic correlates of vowel intelligibility in clear and conversational speech for young normal-hearing and elderly hearing-impaired listeners*. 164th Meeting of the Acoustical Society of America, Kansas City, MO.
- Ferguson, S.H.** (2012, September). *Talker differences in clear and conversational speech: Subjective ratings of sentence clarity*. Academy of Rehabilitative Audiology Institute, Providence, RI.
- Ferguson, S.H.**, Widener, T.D.*, & Mackey, T.* (2011, May). *Effects of talker experience on perceived clarity and acoustic features of clear versus conversational speech*. 161st Meeting of the Acoustical Society of America, Seattle, WA.
- LaPierre, T.A., **Ferguson, S.H.**, & Jiregna, M.M.* (2010, November). *How couples cope with hearing loss in later life: Lessons learned from a qualitative pilot study*. Gerontological Society of American Annual Meeting, New Orleans, LA.
- Ferguson, S.H.**, & Kewley-Port, D. (2010, September). *The role of duration in the clear speech vowel intelligibility benefit*. 44th Academy of Rehabilitative Audiology Institute, San Francisco, CA.
- Ferguson, S.H.** (2010, April). *Acoustic correlates of clear speech vowel intelligibility for elderly hearing-impaired listeners*. 159th Meeting of the Acoustical Society of America, Baltimore, MD.
- Ferguson, S.H.** (2009, November). *Perception of foreign-accented speech by older adults*. American Speech-Language-Hearing Association Convention, New Orleans, LA.
- Baldwin, A.B.*, **Ferguson, S.H.**, & Williams, K. (2009, October). *Subjective ratings of foreign-accented speech by older and younger adults*. Aging and Speech Communication: An International and Interdisciplinary Conference, Bloomington, IN.
- Ferguson, S.H.** (2009, October). *Acoustic correlates of clear speech vowel intelligibility for elderly hearing-impaired listeners*. Aging and Speech Communication: An International and Interdisciplinary Conference, Bloomington, IN.

- Ferguson, S.H.** (2009, September). *What makes clear vowels clear for normal-hearing and hearing-impaired listeners*. 43rd Academy of Rehabilitative Audiology Institute, Bettendorf, IA.
- Ferguson, S.H.**, Keum, K.A.*, Jongman, A., & Sereno, J.A. (2009, May). *Intelligibility of foreign-accented speech in noise for younger and older adults*. 157th Meeting of the Acoustical Society of America, Portland, OR.
- Munson, B., **Ferguson, S.H.**, & Connealy, C.L.* (2009, May). *Perceived sexual orientation and speech style: A perceptual and acoustic analysis of intentionally clear and conversational speech*. 157th Meeting of the Acoustical Society of America, Portland, OR.
- Oder, A.L.*, **Ferguson, S.H.**, & Clopper, C.G. (2009, May). *Effects of dialect on vowel acoustics and intelligibility*. 157th Meeting of the Acoustical Society of America, Portland, OR.
- Ferguson, S.H.**, & Kerr, E.E.* (2008, November). *Subjective ratings of clear versus conversational speech*. 156th Meeting of the Acoustical Society of America, Miami, FL.
- Misgana, M.C.*, LaPierre, T.A., & **Ferguson, S.H.** (2008, September). *The Impact of Hearing Loss on Marital Relationships in Late Life*. 42nd Academy of Rehabilitative Audiology Institute, Portland, OR.
- Ferguson, S.H.**, Poore, M.A.*, & Shrivastav, R. (2007, June). *Acoustic correlates of talker-reported clear speech strategies*. 153rd Meeting of the Acoustical Society of America, Salt Lake City, UT.
- Ferguson, S.H.**, Jongman, A., & Sereno, J.A. (2006, October). *Intelligibility of foreign-accented speech in older adults*. 40th Annual Academy of Rehabilitative Audiology Institute, Louisville, KY.
- Ferguson, S.H.**, Jongman, A., & Sereno, J.A. (2005, October). *Intelligibility of foreign-accented speech: Effects of listening condition, talker age, and talker hearing status*. 150th Meeting of the Acoustical Society of America, Minneapolis, MN.
- Ferguson, S.H.** (2005, October). *Identification of vowels in clear and conversational speech by elderly hearing-impaired listeners*. Aging and Speech Communication: An International and Interdisciplinary Conference, Bloomington, IN.
- Ferguson, S.H.** (2005, September). *Talker factors in everyday speech understanding*. Kansas Speech-Language-Hearing Association Annual Conference, Overland Park, KS.
- Ferguson, S.H.** (2004, November). *Talker differences in clear and conversational speech: Preliminary data with monosyllabic words*. 148th Meeting of the Acoustical Society of America, San Diego, CA.
- Poore, M.A.*, & **Ferguson, S.H.** (2004, November). *Acoustic modifications in choral reading*. 148th Meeting of the Acoustical Society of America, San Diego, CA.
- Ferguson, S.H.** (2004, August). *Vowels in clear and conversational speech: Talker differences in intelligibility for elderly hearing-impaired listeners*. International Hearing Aid Research Conference (IHCON), Lake Tahoe, CA.

- Ferguson, S.H., & Kewley-Port, D.** (2003, June). *Talker differences in clear and conversational speech: Acoustic correlates of reported clear speech strategies*. 37th Annual Academy of Rehabilitative Audiology Summer Institute, Kerrville, TX.
- Ferguson, S.H., & Kewley-Port, D.** (2002, June). *Vowels in clear and conversational speech: Talker differences in acoustic characteristics and intelligibility for normal-hearing listeners*. 143rd Meeting of the Acoustical Society of America, Pittsburgh, PA.
- Ferguson, S.H., Kewley-Port, D., & Brown, A.P.** (2001, June). *Acoustic properties underlying vowel intelligibility in words with mixed consonantal contexts*. 141st Meeting of the Acoustical Society of America, Chicago, IL.
- Ferguson, S.H., Kewley-Port, D., & Brown, A.P.** (2001, March). *Vowels in clear and conversational speech: Identification performance in elderly hearing-impaired listeners with vowels in mixed consonantal contexts*. New Frontiers In the Amelioration of Hearing Loss, Central Institute for the Deaf , St. Louis, MO.
- Ferguson, S.H., Kewley-Port, D., & Humes, L.E.** (2000, August). *Effects of hearing loss and linear amplification on the relative importance of acoustic cues*. International Hearing Aid Research Conference (IHCON), Lake Tahoe, CA.
- Ferguson, S.H., Kewley-Port, D., & Humes, L.E.** (2000, February). *Vowels in clear and conversational speech: Effects of amplification on the relative importance of acoustic cues to vowel intelligibility*. 23rd Midwinter Meeting of the Association for Research in Otolaryngology, St. Petersburg Beach, FL.
- Ferguson, S.H., & Kewley-Port, D.** (1999, November). *Vowel intelligibility in clear and conversational speech*. 138th Meeting of the Acoustical Society of America, Columbus, OH.
- Formby, C., Heinz, M.G., **Ferguson, S.H., & Sherlock, L.P.** (1998, February). *Temporal over- and under-shoot effects accentuate temporal edges at onset and offset of a narrowband masker*. 21st Midwinter Meeting of the Association for Research in Otolaryngology, St. Petersburg Beach, FL.
- Formby, C., **Ferguson, S.H., & Heinz, M.G.** (1997, December). *Auditory temporal microstructure: Evidence of under- and over-shoot at onset and offset of a narrowband noise masker measured in an off-frequency masked detection task*. 134th Meeting of the Acoustical Society of America, San Diego, CA.
- Ferguson, S.H., Formby, C.C., & Abouchacra, K.S.** (1997, February). *Measures of simultaneous and nonsimultaneous masking in elderly listeners with presbycusis or with noise-induced hearing loss*. 20th Midwinter Meeting of the Association for Research in Otolaryngology, St. Petersburg Beach, FL.
- Formby, C., Forrest, T.G., Heinz, M.G., **Hargus, S.E., & Zeiders, J.W.** (1996, May). *Toward a simple resolution of the temporal resolution/temporal integration paradox*. 131st Meeting of the Acoustical Society of America, Indianapolis, IN.
- Formby, C., Heinz, M.G., **Hargus, S.E., Forrest, T.G., & Zeiders, J.W.** (1996, February). *Temporal integration and acuity time constants estimated from detection of brief band-limited increments within a broadband noise signal*. 19th Midwinter Meeting of the Association for Research in Otolaryngology, St. Petersburg Beach, FL.

Formby, C., Heinz, M.G., **Hargus, S.E.**, & Zeiders, J.W. (1995, November). *Detection and temporal integration of brief band-limited increments and decrements within a broadband noise signal*. 130th Meeting of the Acoustical Society of America, St. Louis, MO.

Hargus, S. E., & Gordon-Salant, S. (1994, November). *Speech intelligibility index predictions for elderly and noise-masked young listeners*. American Speech-Language-Hearing Association Convention, New Orleans, LA.

OTHER RESEARCH PRESENTATIONS

- **Ferguson, S.H.** (2023, June). *The role of voice fundamental frequency in the perception of anger in clear speech*. Monthly Research Meeting, Voice Disorders Center, University of Utah.
- **Ferguson, S.H.** (2022, October). *Perceived Gender in Clear and Conversational Speech*. Ph.D. ProSeminar, Department of Communication Sciences and Disorders, University of Utah.
- **Ferguson, S.H.** (2022, March). *Within-talker stability of acoustic characteristics of conversational and clear speech*. Ph.D. ProSeminar, Department of Communication Sciences and Disorders, University of Utah.
- **Ferguson, S.H.** (2019-2020). *What might make clear speech clear: Lessons learned from the Ferguson Clear Speech Database*. Various versions presented to
 - Ph.D. ProSeminar, Department of Communication Sciences and Disorders, University of Utah, March 20, 2020.
 - Department of Communicative Sciences & Disorders, Michigan State University, April 5, 2019.
 - Brown Bag Seminar, Department of Speech, Language, & Hearing Sciences, Purdue University, April 1, 2019.
 - Staff Talk, Haskins Laboratories, February 7, 2019.
 - Meeting, laboratory of Douglas H. Whalen, Program in Speech-Language-Hearing Sciences, City University of New York Graduate Center, January 29, 2019.
- **Ferguson, S.H.** (2019, March). *What might make clear speech clear: Lessons learned from the Ferguson Clear Speech Database*. Presented as part of a Learning Module titled “Communication Partners and AR” at the 31st Annual Conference of the American Academy of Audiology, Columbus, OH.
- **Ferguson, S.H.**, & Morgan, S.D.* (2015, September). *Presenting speech in noise*. CrossTalk Toolbox session, University of Utah.
- Morgan, S.D.*, & **Ferguson, S.H.**, (2015, April). *Perceived emotion in clear speech for individuals with hearing loss*. University of Utah Center Student Conference in Linguistics.
- Morgan, S.D.*, & **Ferguson, S.H.**, (2015, April). *Perceived emotional valence in clear and conversational speech for older adults with hearing loss*. University of Utah Center on Aging 9th Annual Research Retreat.
- Graetzer, S., Hunter, E.J., Maxfield, L., **Ferguson, S.H.**, & Duraes, T.* (2014, October). *Sex differences in pulmonary and vocal health: Relating pulmonary function to self-report*

- assessments of vocal fatigue for a group of occupational voice users.* 3rd Annual MSU Conference on Women's Health Research. MSU: East Lansing, MI.
- **Ferguson, S.H.** (2014, October). Presentation at research mixer, Consortium for Families and Health Research, University of Utah.
 - **Ferguson, S.H.**, Morgan, S.D.*, Rogers, L.R.*, & Hunter, E.J. (2014, September). *Gender Differences in Speech: Within-session stability of acoustic features of conversational and clear speech for male and female talkers.* InfoFair 2014: Women's Health, Sex & Gender Research Conference, University of Utah Health Sciences Center.
 - Maxfield, L., Hunter, E.J., **Ferguson, S.H.**, Graetzer, S., Mellum, C.*, & Duraes, T.* (2014, September). *Gender Differences in Speech: Correlating pulmonary function with symptoms of vocal fatigue among occupational voice users.* InfoFair 2014: Women's Health, Sex & Gender Research Conference, University of Utah Health Sciences Center.
- Ferguson, S.H.**, Hunter, E.J., Mellum, C.A.*, & Rogers, L.R.* (2014, March). *Listener judgments of age in a single-talker 48-year longitudinal sample.* University of Utah Center on Aging 8th Annual Research Retreat.
- Ferguson, S.H.** (2013, March). Senior Capstone seminar discussion, Department of Linguistics, University of Utah.
- Ferguson, S.H.** (2011, May). *What makes clear speech clear?* Talk, National Center for Rehabilitative Auditory Research, Portland, OR.
- Ferguson, S.H.** (2009, November). *Perception of foreign-accented speech by older adults.* Child Language Proseminar, Child Language Doctoral Program, University of Kansas.
- Kewley-Port, D., Bent, T., & **Ferguson, S.H.** (2009, September). *Across-talker effects in non-native listeners' vowel perception in noise.* Colloquium, Department of English, Aarhus University.
- Kewley-Port, D., Bent, T., & **Ferguson, S.H.** (2009, August). *Across-talker effects in non-native listeners' vowel perception in noise.* Linguistics Colloquy, Department of Linguistics, University of Kansas.
- Ferguson, S.H.** (2009, July). *Perception of foreign-accented speech by older adults.* Boys Town National Research Hospital – University of Kansas Biennial Conference, Omaha, NE.
- Ferguson, S.H.** (2009, March). *Acoustic correlates of reported clear speech strategies.* Linguistics Colloquy, Department of Linguistics, University of Kansas.
- Ferguson, S.H.** (2007, July). *Acoustic correlates of reported clear speech strategies.* Boys Town National Research Hospital – University of Kansas Biennial Conference, University of Kansas Medical Center.
- Ferguson, S.H.** (2007, March). *Intelligibility of foreign-accented speech in older adults.* Landon Center on Aging Lecture Series, Landon Center on Aging, University of Kansas Medical Center.
- Ferguson, S.H.** (2007, September). *Acoustic and perceptual correlates of reported clear speech strategies.* Child Language Proseminar, Child Language Doctoral Program, University of Kansas.

- Ferguson, S.H.** (2007, September). *Aging in a globalized world: Understanding of foreign-accented speech by older adults*. Gerontology Colloquium, Gerontology Program, University of Kansas.
- Ferguson, S.H.** (2006, February). *Intelligibility of foreign-accented speech in older adults*. Cognitive Psychology Proseminar, Department of Psychology, University of Kansas.
- Ferguson, S.H.** (2006, November). *Gerontology at KU and 'Senior Ears'*. Monthly meeting, Older Women's League, Kaw Valley Chapter.
- Ferguson, S.H.** (2005, December). *Intelligibility of foreign-accented speech in older adults*. Linguistics Colloquy, Department of Linguistics, University of Kansas.
- Ferguson, S.H.** (2005, March). *Talker factors in everyday speech understanding*. Child Language Pro-Seminar, Child Language Doctoral Program, University of Kansas.
- Ferguson, S.H.** (2005, June). *Talker factors in everyday speech understanding*. Boys Town National Research Hospital – University of Kansas Biennial Conference, Omaha, NE.
- Ferguson, S.H.** (2004, April). *What makes clear speech clear?* Cognitive Psychology Proseminar, Department of Psychology, University of Kansas.
- Ferguson, S.H.** (2003, September). *What Makes Clear Speech Clear? And Does This Change with Hearing Loss?* Gerontology Colloquium, Gerontology Program, University of Kansas.

MEDIA COVERAGE

- Daily Mail, August 31, 2021: “Women Turned on by Macho Men Who Mumble”
 - The Times of London, August 31, 2021: “Women seen as more attractive if they speak clearly”
 - Lingua Franca (The Chronicle of Higher Education), June 8, 2016: “Just Like a Woman.”
 - The Guardian, May 26, 2016: “Do British accents become unintelligible to Americans as they get older?”
 - The Scope (University of Utah Health Sciences Radio), April 20, 2015: “The Science of Speaking Clearly.”
- Newswise, May 6, 2014. “Stop Shouting at Me: Why Clear Speech Can Sound Angry.”

WORKSHOPS AND TUTORIALS

- **Ferguson, S.H.** (2017, June). *The speech signal, hearing loss, and clear speech*. Hearing Loss Association of America Convention, Salt Lake City, UT.
- Ferguson, S.H.** (2007, September). *Looking back*. Department of Speech-Language-Hearing Graduate Student Brown Bag Discussion Group, University of Kansas.
- Ferguson, S.H.** (2007, June). Invited discussant in the Women In Acoustics Committee's *Mentoring Roundtable*. 153rd Meeting of the Acoustical Society of America, Salt Lake City, UT.
- Ferguson, S.H.** (2006, November). Undergraduate Honors Program Seminar, Department of Speech-Language-Hearing: Sciences and Disorders, University of Kansas.

Ferguson, S.H. (2005, April). *Maximizing learners' use of residual hearing*. Department of Special Education SPED 844 Advanced Methods, University of Kansas.

Ferguson, S.H. (2004, November). Presentation at the Gerontology Proseminar, University of Kansas.

INVITED TEACHING PRESENTATIONS

Ferguson, S.H. (2005, March). *Dealing with the drag: Sustaining a course at the end of the semester*. Lunch and Conversation, Center for Teaching Excellence, University of Kansas.

Ferguson, S.H. (2004, October). *Grading efficiently*. Workshop, Center for Teaching Excellence, University of Kansas.

Ferguson, S.H. (2003, August). *Structuring your course for student learning*. New Graduate Teaching Assistant Conference, Center for Teaching Excellence, University of Kansas.

TEACHING HONORS & AWARDS

- 2014 Recognition during “Excellence in Education Week,” University of Utah Latter-day Saint Student Association
- 2008 Excellence in Undergraduate Teaching, University of Kansas Center for Teaching Excellence (nominated by Speech-Language-Hearing undergraduate students)

TEACHING AND OTHER GRANTS

- Co-Principal Investigator, Dr. Ezekiel R. & Edna Wattis Foundation Grant to support purchase of equipment for University of Utah Speech-Language-Hearing Clinic, 2016 (Award total: \$50,000.00)

University of Kansas Center for Teaching Excellence Grant: *Developing video materials for SPLH 698*, 2004. (Award total: \$150)

RECENT TEACHING-RELATED PROFESSIONAL DEVELOPMENT

- May 2021: “Innovations in Teaching and Learning: Speech, Language, and Hearing Sciences”, American Speech-Language-Hearing Association
- August 2020: Webinars, Center for Teaching and Learning Excellence, University of Utah:
 - Privacy Rights and Security in a Virtual Classroom
 - Anti-Racism in Higher Education
 - Attending School During a Pandemic: Student Concerns & Why Instructors Should Care
 - Mindfulness in Any Classroom
 - Thriving During a Pandemic: Avoiding Burnout, Practicing Self-care, and Managing Emotional Fatigue
- July 2020: Bootcamp on Hybrid Classrooms, Center for Teaching and Learning Excellence, University of Utah (10 sessions)

COURSES TAUGHT

At the University of Utah

- 2022- CSD 7420 *Psychoacoustics*, Au.D. required
- 2018- CSD 2200 *The Physics of Speech and Hearing*, undergraduate required
- 2017 CSD 4300 *Speech Science*, undergraduate required
- 2012-2021 CSD 4500 *Introduction to Audiology* (previously named *Hearing Disorders and Evaluation*), undergraduate required
- 2011-2022 CSD 6510 *Principles of Audiological Assessment I* (previously named *Behavioral Audiological Assessment I*), Au.D. required
- 2011- 2016 CSD 7640 *Cochlear Implants*, Au.D. required
- 2011- CSD 7845 *Speech Perception*, Au.D. required
- 2011 CSD 7420 *Psychoacoustics and Instrumentation*, Au.D. required
- 2010 CSD 6650 *Advanced Anatomy and Physiology of Audition*, Au.D. required

At the University of Kansas

- 2008 AUD 816 *Speech Perception*, Au.D. required
- 2007-2009 AUD 813 *Psychoacoustics and Theories of Hearing*, Au.D. required
- 2006 AUD 940 *Seminar in Speech Perception*, Au.D. required
- 2005-2009 SPLH 668 *Introduction to Audiological Assessment and Rehabilitation*, undergraduate required
- 2003-2010 SPLH 120 *The Physics of Speech*, undergraduate required
- 2003-2005 SPLH 698 *Aural Rehabilitation*, undergraduate required
- 2003-2004 SPLH 868 *Professional Seminar in Speech-Language Pathology*, M.A. required
- 2002-2004 SPLH 669 *Audiology I*, undergraduate required

At Indiana University

- 2001 S378/S678 *Introduction to Psychoacoustics*, undergraduate elective, M.A. required

STUDENT MENTORING

DOCTORAL STUDENTS

Primary Mentor

- Elizabeth D. Young, University of Utah, 2019-
- Shae D. Morgan, University of Utah, 2013-2018

Kyung Ae Keum, Intercampus Program in Communication Disorders, University of Kansas, 2005-2010 (left program ABD)

Capstone Project Supervisor (University of Utah)

- Carly Alston, 2023-
- * Cameron Bolinder, 2023-
 - * *project directed by Elizabeth D. Young under my supervision*
- Whitney Robison, 2023-
- Kayleena Faulkner, 2022-2024
- Isabella McHugh, 2022-2024
- Sierra Bennion, 2021-2023
- Tara Smalley, 2021-2023
- Katie Micheletti, 2021-2022
- Aubrey Passey, 2021-2022
- Lindsay Erhart, 2019-2021
- Madison Wageck, 2019-2021
- Sara Thurston, 2018-2020
- Kylie Willson, 2018-2020
- Marissa Hill, 2017-2019
- *Ashton Crain, 2016-2018
- *Rebecca Labowe, 2016-2018
 - * *projects directed by Shae D. Morgan under my supervision*
- Jordan Ericksen, 2015-2016
- Eric Johnson, 2015-2016
- Robert Jensen, 2014-2015
- Nina Pryor, 2014-2015
- Lydia Rogers, 2014-2015
- Kimberly Kuhlman, 2013-2014
- Anne Lobdell, 2012

Capstone Project Committee Member (University of Utah)

- Alisa McKay, 2019-2021
- Genoveva Hurtado, 2019-2020
- Hannah Rauch, 2018-2020
- Laurel Alstot, 2016-2018
- Meghan Williams, 2014-2015

Capstone Project Department Liaison (University of Utah)

- Makenzie Bramwell, 2023-2024
- Susan Coppinger, 2023-2024
- Mark Rasmussen, 2020-2022
- Nicole Parente, 2019-2021
- Brittany Carpenter, 2019-2021

Research Project Supervisor

Amanda Malone, University of Utah, 2012
Anne Baldwin, University of Kansas, 2008
Matt Brown, University of Kansas, 2008
Dana Jacobson, University of Kansas, 2007-2008

Research Experience Supervisor

Jill Freitas, University of Utah, 2011
Taylor Widener, University of Utah, 2010
Thomas Tanner Mackey, University of Utah, 2010
Aaron Schroeder, Intercampus Program in Communication Disorders, University of Kansas, 2003

Committee Member

At the University of Utah

- Russell deJesus, Ph.D. Program in Speech-Language Pathology, Advisory Committee 2023-
 - Miranda Wright, Ph.D. Program in Speech-Language Pathology, Qualifying Examination Committee, 2022; Dissertation Committee 2023-
 - Kaitlyn Dwenger, Ph.D. Program in Speech-Language Pathology, Qualifying Examination Committee, 2022; Dissertation Committee 2022-
 - Jessica Chen, Ph.D. Program in Audiology, Qualifying Examination Committee, 2017; Dissertation Committee 2018-
 - Maia Roberson, Ph.D. Program in Sociology, Research Project Committee, 2015
 - Ali Almishaal, Ph.D. Program in Audiology, Advisory Committee, 2013-2017
- Jennifer Shepherd, Doctor of Audiology Program, Research Project Committee, 2010-2011

At the University of Kansas

Michaela Kovacova, Doctoral of Musical Arts Program in Piano Performance, Doctoral Committee, 2008-2009
Dave DeHoogh-Kliewer, Doctor of Musical Arts Program in Choral Conducting, Doctoral Committee, 2008

Sharon O'Connell Campbell, Doctor of Musical Arts Program in Voice Performance, Doctoral Committee, 2008

Therese Matthews, Applied Behavioral Science, Dissertation Oral Defense Committee, 2007

Julius Zilinskas, Doctoral of Musical Arts Program in Marimba Performance, Dissertation Oral Defense Committee, 2007

Marie Willis, Intercampus Program in Communication Disorders, Doctoral Advisory Committee, 2006-2009

Heather Roberson, Doctor of Musical Arts Program in Choral Conducting, Doctoral Committee, 2006-2008

Kazumi Maniwa, Linguistics, Comprehensive Oral Examination Committee, 2006; Dissertation Oral Defense Committee, 2006

Aaron Schroeder, Intercampus Program in Communication Disorders, Comprehensive Written Exam Committee, 2005; Comprehensive Oral Examination Committee, 2006

Tiffany Hogan, Intercampus Program in Communication Disorders, Comprehensive Oral Examination Committee, 2004; Dissertation Oral Defense Committee, 2006

Gerald Whiteside, Intercampus Program in Communication Disorders, Comprehensive Oral Examination Committee, 2004

Wael Zuraiq, Linguistics, Comprehensive Oral Examination Committee, 2005; Dissertation Oral Defense Committee, 2005

MASTERS STUDENTS

Thesis Advisor

- Elizabeth Young, Speech-Language Pathology, University of Utah, 2020-2021
- Jaime Booz, Speech-Language Pathology, University of Utah, 2015-2016

Research Project Supervisor

Junghae Lee, Audiology, University of Kansas, 2003-2004

Thesis Committee Member

- Sarah Woods, Psychology, University of Utah, 2023-
 - Anna Pomares, Speech-Language Pathology, University of Utah, 2022-2024
 - Brooke Rose, Speech-Language Pathology, University of Utah, 2021-2022
 - Jackie McCook, Speech-Language Pathology, University of Utah, 2017-2019
- Amanda Rabideau, Linguistics, University of Utah, 2013-2014

Masters Examination Committee

- Dhanya Herath, University of Auckland, New Zealand, 2017

Advisory Committee Member

- Kristie Durham, Linguistics, University of Utah, 2015

UNDERGRADUATE STUDENTS

Undergraduate Research Award Sponsor, University of Kansas

Austin Oder, Speech-Language-Hearing, Spring 2009

Meredith Poore, Speech-Language-Hearing, Spring 2004

Honors Research Mentor, University of Kansas

Catherine Connealy, Speech-Language-Hearing, 2008

Emily Kerr, Speech-Language-Hearing, 2007-2008

Austin Oder, Speech-Language-Hearing, 2008-2009

Meredith Poore, Speech-Language-Hearing, 2004

Research Experience Program Mentor, University of Kansas

Tammi Soileau, Speech-Language-Hearing, 2007

McNair Scholars Program Co-Mentor, University of Kansas

Mahalet Jiregna, Speech-Language-Hearing, 2008

SERVICE-RELATED PROFESSIONAL DEVELOPMENT

- April 2024: Council of Academic Programs in Communication Sciences and Disorders, New Orleans, Louisiana.
- February 2024: “Women’s Leadership Day: Be a Champion for Change”, University of Utah Health.
- November 2023: “Supporting Students in Distress”, Office of the Dean of Students, University Counseling Center, and Center for Campus Wellness
- October 2023: Accessibility and Accommodations in the Classroom and Clinic, Special Interest Groups 7 and 10 of the American Speech-Language-Hearing Association
- June 2023: “Women’s Leadership Day: The Art of Setting Boundaries”, University of Utah Health.
- August-December 2021: “Fundamentals of Professional Coaching”, Utah Coaching & Advising Network
- August 2021: “The Art of Herding Cats: Effectiveness in Academic Leadership”, University of Utah Health Faculty Development

April 2014: Mentoring Workshop, University of Utah Center for Teaching and Learning Excellence

INTERNATIONAL SERVICE

- 2019 Reviewer, Discovery Grant proposal, Natural Sciences and Engineering Research Council of Canada
- 2017 Reviewer, Discovery Grant proposal, Natural Sciences and Engineering Research Council of Canada

- 2015 Reviewer, Grant Application, Netherlands Organization for Scientific Research
Innovational Research Incentives Scheme – Vidi
- 2011 Reviewer, Strategic Grant Application, Medical Research Council of the United
Kingdom
- 2010-2021 Peer reviewer:
 - International Journal of Language and Communication Disorders
 - Folia Phoniatica et Logopaedica
 - Language and Speech
 - International Journal of Speech-Language Pathology
 - International Journal of Disability, Development and Education
 - International Journal of Bilingualism
 - Speech, Language, and Hearing

NATIONAL SERVICE

Council on Academic Accreditation in Audiology and Speech-Language Pathology

- 2023-2024 Member, Ad Hoc Committee for CAA Standard 3.0A
- 2022-2023 Chair, Site Visitor Recruitment, Selection, and Education Committee
- 2020-2021 Member, Site Visitor Recruitment, Selection, and Education Committee
- 2020-2023 Member

Academy of Rehabilitative Audiology (ARA)

- 2021 Member, Honors of the Association Selection Committee
- 2019 Member, Audiology Quality Consortium (representing the ARA)
- 2019 Organizer, chair, and participant, “Communication Partners and AR”, a Learning
Module presented at the 31st Annual Conference of the American Academy of
Audiology, Columbus, OH
- 2019 Past President
- 2018 President
- 2017 President-Elect
- 2011-2 Reviewer, Oyer Award
- 2008-2012 Secretary

Acoustical Society of America (ASA)

- 2015-2018 Associate Editor, *Journal of the Acoustical Society of America*
ASA Women in Acoustics Committee
- 2019-2022 Member
- 2011 Presenter, “Listen Up and Get Involved”, 161st meeting

- 2008-2010 Reviewer, Young Investigator Travel Award, 156th–159th meetings
- 2007-2009 Member, ad hoc committee on provision of childcare at conferences
- 2004-2009 Member

ASA Meetings

- 2019, 2023 Students Meet Members for Lunch, 177th and 184th meetings
- 2015-2016 Member, Local Organizing Committee, 171st meeting
- 2015-2016 Co-organizer and Co-chair, “Speech Communication: Gender Effects in Speech Production and Perception,” special session, 170th meeting.
- 2008-2015 Session chair, 156th, 159th, 167th, and 170th meetings
- 2007 Co-organizer and Co-chair, “Speech Communication: Speech Intelligibility and the Vowel Space,” special session, 154th meeting.
- 2003 Organizer and Chair, “Speech Communication: Acoustical and Perceptual Characteristics of Special Speech Registers,” special session, 145th meeting

ASA Speech Communication Technical Committee

- 2014-2017 Member
- 2007-2023 Judge, Student Paper Competition
153rd, 154th, 159th, 161st, 164th, 167th, 168th, 170th, 174th, 175th, 177th, 179th, 182nd,
and 184th meetings
- 2005 Organizer, Student Paper Competition, 150th meeting

American Speech-Language-Hearing Association

- 2020-2022 Member, Editorial Board of *Perspectives of the ASHA Special Interest Groups*, serving Special Interest Group 7: Aural Rehabilitation and Its Instrumentation
- 2020, 2022 Author, invited post titled “Taking the long view in an interview” for the Mentoring Academic-Research Careers online Community
- 2014-17 Member, Editorial Board of *Perspectives of the ASHA Special Interest Groups*, serving Special Interest Group 7: Aural Rehabilitation and Its Instrumentation
- 2011-2014 Member, Steering Committee, Special Interest Group 7: Aural Rehabilitation and Its Instrumentation
- 2003 Ad hoc peer reviewer, American Speech-Language-Hearing Association Working Group on Acoustics in Educational Settings

Grant and journal reviews

- 2024 Ad hoc reviewer, Linguistics Program, National Science Foundation
- 2022 Ad hoc reviewer, Linguistics Program, National Science Foundation
- 2008 New Century Scholars Research Grant Program, American Speech-Language-Hearing Foundation

- 2005 American Speech-Language-Hearing Association, Students Preparing for Academic Research Careers (SPARC) Award
- 2003- Ad hoc peer reviewer:
 - Perspectives on Speech Sciences
 - Clinical Linguistics and Phonetics
 - Journal of the Acoustical Society of America
 - Journal of Speech, Language, and Hearing Research
 - Journal of Gerontology: Psychological Sciences; Speech Communication
 - Journal of Phonetics
 - JASA Express Letters
 - Ear and Hearing
 - Journal of the Academy of Rehabilitative Audiology
 - Perspectives on Aural Rehabilitation and Its Instrumentation
 - American Journal of Audiology
 - PLOS ONE
 - Quarterly Journal of Experimental Psychology
 - Attention, Perception, & Psychophysics
 - Journal of Nonverbal Behavior
 - Journal of the American Academy of Audiology
 - Cognitive Research: Principles and Implications

UNIVERSITY SERVICE

University of Utah

- 2020 Reviewer, Mock Study Review, Center for Clinical & Translational Science “K to Research Success” Program
- 2019 Accompanist, Performance Voice Conference, Master Class portion
- 2017 Reviewer, University Research Committee Faculty Research and Creative Grant
- 2016-2021 Member, Planning Committee, Performance Voice Conference
- 2015 Reviewer, Funding Incentive Seed Grant Program, Vice President for Research, University of Utah
- 2014 Reviewer, University Research Committee Faculty Research and Creative Grant
- 2013-2014 Member, Senate Advisory Committee on Library Policy (formerly Library Policy Advisory Committee)

University of Kansas

- 2005-2008 Member, Center for Teaching Excellence, Annual Teaching Summit Planning Committee
- 2005 Participant, Wheat State Whirlwind Tour

2004 Member, Scholar Services Group, HVC² (High Velocity Change through High Volume Collaboration)

COLLEGE SERVICE

University of Utah College of Health

- ◉ 2023- Member, Department of Communication Sciences and Disorders Chair Search Committee
- ◉ 2020-2021 Member, Retention, Promotion, and Tenure Advisory Committee, Department of Occupational and Recreational Therapies
- ◉ 2014-2018 Chair, Curriculum Committee
- ◉ 2015-2016 Co-Leader, Undergraduate Curriculum Realignment Work Group
- 2014 Ad Hoc Member, Academic Appeals Committee
- 2014 Ad Hoc Member, Realignment Committee and Academic Appeals Committee
- 2011-2018 Member, Curriculum Committee
- 2011 Banner Carrier, College of Health Convocation and University Commencement Ceremony

University of Kansas College of Liberal Arts and Sciences

2005-2007 Member, Behavioral Sciences General Research Fund Review Committee

DEPARTMENTAL SERVICE

University of Utah Department of Communication Sciences and Disorders

- ◉ 2019-2023 Director of Undergraduate Studies
- ◉ 2019 Chair, Faculty Search Committee
- ◉ 2017 Member, Career-Line Retention and Promotion Committee
- ◉ 2017-2018 Member, Speech-Language Pathology Masters Program Curriculum Committee
- ◉ 2017-2018 Member, Undergraduate Curriculum Committee
- ◉ 2015- Member, Ph.D. Admissions Committee
- ◉ 2014- Member, Retention, Promotion, and Tenure Committee
- ◉ 2014-2016 Chair, Faculty Search Committee
- ◉ 2014-2015 Faculty Advisor, Student Advisory Council
- 2014 Member, Clinical Faculty Search Committee
- 2013-2014 Member, Scholarship Committee
- 2013-2015 Presenter, Advanced Research Design course
- 2011 Member, Faculty Search Committee
- 2011- Member, Doctor of Audiology Curriculum Committee
- 2011- Member, Doctor of Audiology Admissions Committee

University of Kansas Department of Speech-Language-Hearing: Sciences and Disorders

- 2007-2009 Chair, Doctor of Audiology Task Force
- 2005-2007 Member, Audiology Graduate Student Admissions Committee
- 2003-2009 Faculty Co-advisor, KU Student Speech-Language-Hearing Association
- 2003 Member, Undergraduate Curriculum Enhancement Committee
- 2003 Member, Cognitive Neuroscience in Communication Disorders Faculty Search Committee
- 2002-2007 Member, Doctor of Audiology Task Force

COMMUNITY SERVICE

- ◉ 2024- Writing room host, Shut Up and Write!
- ◉ 2023 Member, Eucharistic Rally Choir, Catholic Diocese of Salt Lake City
- ◉ 2018- Keyboardist and vocalist, occasional, Catholic Diocese of Salt Lake City
- ◉ 2017-2020 Member, Diocesan Liturgical Music Committee, Catholic Diocese of Salt Lake City
- ◉ 2016-2018 Music Director, Blessed Sacrament Catholic Church, Sandy, UT
- 2014 Judge, school science fair, Blessed Sacrament Catholic School, Sandy, UT
- 2014 Demonstrator, Math and Science Night, Blessed Sacrament Catholic School, Sandy, UT
- 2012 Presenter, lecture on speech acoustics and clear speech, Hearing Loss Association of Salt Lake City monthly meeting
- 2012 Demonstrator, Math and Science Night, Blessed Sacrament Catholic School, Sandy, UT
- 2011 Consultant, exhibit on the senses, The Leonardo, Salt Lake City, UT
- 2011- Keyboardist and occasional vocalist, Blessed Sacrament Catholic Church, Sandy, UT