

## **CURRICULUM VITAE OF SARAH HARGUS FERGUSON**

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### **EDUCATION**

- 2002 Ph.D., Audiology and Cognitive Science, Indiana University  
Dissertation: *Vowels in Clear and Conversational Speech: Talker Differences in Acoustic Features and Intelligibility for Normal-Hearing Listeners*
- 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**

- 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**

- 2014-present Affiliate, Consortium for Families and Health Research, University of Utah
- 2013-present Research Associate, National Center for Voice and Speech, Salt Lake City, UT
- 2010-present 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

Academy of Rehabilitative Audiology  
Acoustical Society of America  
American Speech-Language-Hearing Association  
\* Award for Continuing Education, 2006-2015  
ASHA Special Interest Group 7, Aural Rehabilitation and Its Instrumentation  
ASHA Special Interest Group 19, Speech Science  
Hearing Loss Association of America

## 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  
2001 “New Frontiers in the Amelioration of Hearing Loss” Travel Fellowship, Central Institute for the Deaf  
2000 International Hearing Aid Research Conference Travel Fellowship

## RESEARCH GRANTS

### FUNDED

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).

## PUBLICATIONS

### REFEREED ARTICLES

- Johnson, E., Morgan, S., & **Ferguson, S.H.** (in press) Time compression decreases intelligibility for female talkers more than for male talkers. In revision for *Journal of Speech, Language, and Hearing Research* (Research Note).
- 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
- Behrman, A., **Ferguson, S.H.**, & Moeyert, M. (2017). The effect of clear speech on temporal metrics of rhythm in Spanish-accented speakers of English. *Language and Speech*. Advance online publication. doi: 10.1177/0023830917737109
- 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/ari22.1.4>
- 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.
- 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.
- 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.
- 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.
- 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 UNDER REVIEW

- Behrman, A., **Ferguson, S.H.**, Wilson, C., & Pan, C. The effects of semantic predictability and clear speech on listener perception of nonnative speech. Submitted to *Perspectives of the ASHA Special Interest Groups* in November 2019.

### MANUSCRIPTS IN PREPARATION OR REVISION

- Schilaty, S., **Ferguson, S.H.**, & Champougny, C. Intelligibility of British English for American younger and older adults with and without hearing loss. In second revision for *Journal of the American Academy of Audiology*.
- Ferguson, S.H.**, Hunter, E.J., Morgan S.D., & Rogers, L.R. Within-session stability of acoustic features of conversational and clear speech. In preparation for *Journal of the Acoustical Society of America*.
- Payne, B.R., Silcox, J., Lash, A., **Ferguson, S.H.**, & Lohani, M. Text captioning buffers against the effects of background noise and hearing loss on memory for propositionally dense speech. In preparation.
- Booz, J.A., **Ferguson, S.H.**, & Morgan, S.D. Perceived gender in clear and conversational speech. In preparation for *Language and Speech*.
- Ferguson, S.H.**, & Kewley-Port, D. The role of duration in the clear speech vowel intelligibility benefit for young normal-hearing and elderly hearing-impaired listeners. In preparation for *Journal of the Acoustical Society of America*.

### 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

#### INVITED PRESENTATIONS

- Ferguson, S.H.** (2020, March). *What might make clear speech clear: Lessons learned from the Ferguson Clear Speech Database*. Ph.D. Proseminar, Department of Communication Sciences and Disorders, University of Utah.
- 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.
  - Research Meeting, Voice Disorders Center, University of Utah, April.
  - Audiology Spring Symposium, Department of Communication Sciences and Disorders, University of Utah, April.
- Booz, J.A., & **Ferguson, S.H.** (2016, May). *Perceived gender in clear and conversational speech*. 171<sup>st</sup> 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*. 171<sup>st</sup> 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*. 171<sup>st</sup> 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*. 168<sup>th</sup> 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 4<sup>th</sup> annual KUSSHA/KSHA Conference, Lawrence, KS.
- Bent, T., **Ferguson, S.H.**, & Kewley-Port, D. (2007, November). *Listener influences on vowel intelligibility*. 154<sup>th</sup> Meeting of the Acoustical Society of America, New Orleans, LA.

#### COMPETITIVELY REVIEWED PRESENTATIONS

- Ferguson, S.H.**, Morisak, P.E., Willson, K., Thurston, S., & Hunter, E.J. (2020, May). *Acoustic characteristics of conversational and clear speech produced in quiet and in noise by older adults with hearing loss*. 179<sup>th</sup> Meeting of the Acoustical Society of America, Chicago, IL.
- Hunter, E.J., **Ferguson, S.H.**, & Cantor-Cutiva, L.C. (2019, December). *Two case studies of perceived age, perceived speech quality, and speech acoustics*. 178<sup>th</sup> 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 48<sup>th</sup> 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*. 177<sup>th</sup> 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.
- 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*. 59<sup>th</sup> Meeting of the Psychonomic Society, New Orleans, LA.
- 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, 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*. 175<sup>th</sup> 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*. 175<sup>th</sup> 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*. 174<sup>th</sup> 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*. 173<sup>rd</sup> 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*. 173<sup>rd</sup> 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*. 171<sup>st</sup> 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*. 171<sup>st</sup> 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*. 171<sup>st</sup> 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*. 170<sup>th</sup> 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*. 169<sup>th</sup> 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*. 167<sup>th</sup> 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*. 167<sup>th</sup> 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*. 21<sup>st</sup> International Congress on Acoustics/165<sup>th</sup> Meeting of the Acoustical Society of America, Montreal, 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*. 164<sup>th</sup> 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*. 161<sup>st</sup> 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*. 44<sup>th</sup> 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*. 159<sup>th</sup> 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*. 43<sup>rd</sup> 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*. 157<sup>th</sup> 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*. 157<sup>th</sup> 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*. 157<sup>th</sup> Meeting of the Acoustical Society of America, Portland, OR.
- Ferguson, S.H.**, & Kerr, E.E. (2008, November). *Subjective ratings of clear versus conversational speech*. 156<sup>th</sup> 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*. 42<sup>nd</sup> 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*. 153<sup>rd</sup> 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*. 40<sup>th</sup> 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*. 150<sup>th</sup> 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* 148<sup>th</sup> Meeting of the Acoustical Society of America, San Diego, CA.
- Poore, M.A., & **Ferguson, S.H.** (2004, November). *Acoustic modifications in choral reading*. 148<sup>th</sup> 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*. 37<sup>th</sup> 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*. 143<sup>rd</sup> 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*. 141<sup>st</sup> 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*. 23<sup>rd</sup> 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*. 138<sup>th</sup> 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*. 21<sup>st</sup> 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*. 134<sup>th</sup> 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*. 20<sup>th</sup> 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*. 131<sup>st</sup> 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*. 19<sup>th</sup> 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*. 130<sup>th</sup> 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.** (2019). *What might make clear speech clear: Lessons learned from the Ferguson Clear Speech Database*. Various versions presented to
- Meeting, laboratory of Douglas H. Whalen, Program in Speech-Language-Hearing Sciences, City University of New York Graduate Center, January.
  - Staff Talk, Haskins Laboratories, February.
  - Brown Bag Seminar, Department of Speech, Language, & Hearing Sciences, Purdue University, April.
  - Department of Communicative Sciences & Disorders, Michigan State University, April.
- 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 31<sup>st</sup> 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 9<sup>th</sup> 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 8<sup>th</sup> 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**

- 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*. 153<sup>rd</sup> 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)

### COURSES TAUGHT

#### *At the University of Utah*

- 2018- CSD 2200 *The Physics of Speech and Hearing*, undergraduate required
- 2017 CSD 4300 *Speech Science*, undergraduate required
- 2012- CSD 4500 *Introduction to Audiology* (previously named *Hearing Disorders and Evaluation*), undergraduate required
- 2011- 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)

Madison Wageck, 2019-

Lindsey Ehrhard, 2019-

Kylie Willson, 2018-

Sara Thurston, 2018-

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-

Laurel Alstot, 2016-2018

Meghan Williams, 2014-2015

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 Widen, 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*

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

Jaime Booz, Speech-Language Pathology, University of Utah, 2015-2016

Research Project Supervisor

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

Thesis Committee Member

David Castellanos-Fuentes, Speech-Language Pathology, University of Utah, 2017-

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

**DEPARTMENTAL SERVICE**

*At the University of Utah*

2019- 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

*At the University of Kansas*

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



## **COLLEGE SERVICE**

### *At the University of Utah*

- 2014-2018 Chair, College of Health Curriculum Committee
- 2015-2016 Co-Leader, College of Health Undergraduate Curriculum Realignment Work Group
- 2014 Ad Hoc Member, College of Health Realignment Committee
- 2014 Ad Hoc Member, College of Health Academic Appeals Committee
- 2011-2018 Member, College of Health Curriculum Committee
- 2011 Banner Carrier, College of Health Convocation Ceremony
- 2011 Banner Carrier for the College of Health, University Commencement Ceremony

### *At the University of Kansas*

- 2005-2007 Member, College of Liberal Arts and Sciences Behavioral Sciences General Research Fund Review Committee

## **UNIVERSITY SERVICE**

### *At the University of Utah*

- 2019 Accompanist, Master Class portion of the Performance Voice Conference
- 2016-present Member, Planning Committee, Performance Voice Conference
- 2015 Reviewer, Funding Incentive Seed Grant Program, Vice President for Research, University of Utah
- 2014, 2017 Reviewer, University Research Committee Faculty Research and Creative Grant
- 2013-2014 Member, Senate Advisory Committee on Library Policy (formerly Library Policy Advisory Committee)

### *At the 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, HVC<sup>2</sup> (High Velocity Change through High Volume Collaboration)

## **COMMUNITY SERVICE**

- 2017- Member, Diocesan Liturgical Music Committee, 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
- 2012 Presenter, lecture on speech acoustics and clear speech, Hearing Loss Association of Salt Lake City monthly meeting
- 2012, 2014 Demonstrator, Math and Science Night, Blessed Sacrament Catholic School, Sandy, UT
- 2011- Keyboardist and vocalist, Blessed Sacrament Catholic Church, Sandy, UT, and for the Diocese of Salt Lake City
- 2011 Consultant, exhibit on the senses, The Leonardo, Salt Lake City, UT

**NATIONAL SERVICE**

2020-2024	Member, Council on Academic Accreditation
2019	Peer reviewer, <i>Journal of Nonverbal Behavior</i>
2019-2022	Member, Women in Acoustics Committee, Acoustical Society of America
2019-	Member, Audiology Quality Consortium (representing the Academy of Rehabilitative Audiology)
2019	Organizer, chair, and participant, “Communication Partners and AR”, a Learning Module presented by the Academy of Rehabilitative Audiology at the 31 <sup>st</sup> Annual Conference of the American Academy of Audiology, Columbus, OH
2019	Past President, Academy of Rehabilitative Audiology, which included representing the Academy
2018	President, Academy of Rehabilitative Audiology
2018	Peer reviewer, <i>JASA Express Letters</i>
2018, 2019	Peer reviewer, <i>Attention, Perception, &amp; Psychophysics</i>
2017, 2018	Peer reviewer, <i>PLOS ONE</i>
2017	President-Elect, Academy of Rehabilitative Audiology
2015-2018	Associate Editor, <i>Journal of the Acoustical Society of America</i>
2015-2016	Co-organizer and Co-chair, “Gender Effects in Speech Production and Perception.” Special session at the 170 <sup>th</sup> meeting of the Acoustical Society of America
2015-2016	Member, Local Organizing Committee, 171 <sup>st</sup> meeting of the Acoustical Society of America
2015	Session chair, 170 <sup>th</sup> meeting of the Acoustical Society of America
2015	Peer reviewer, <i>Quarterly Journal of Experimental Psychology</i>
2014-2017	Member, Speech Communication Technical Committee, Acoustical Society of America
2014	Peer reviewer, <i>PLOS ONE</i>
2014	Session chair, 167 <sup>th</sup> meeting of the Acoustical Society of America
2014-17	Member, Editorial Board, <i>Perspectives on Aural Rehabilitation and Its Instrumentation</i>
2013	Peer reviewer, <i>American Journal of Audiology</i>
2013-4	Peer reviewer, <i>Perspectives on Aural Rehabilitation and Its Instrumentation</i>
2013	Peer reviewer, <i>Journal of the Academy of Rehabilitative Audiology</i>
2013	Peer reviewer, <i>Ear and Hearing</i>
2012	Peer reviewer, <i>JASA Express Letters</i>
2011-2	Reviewer, Oyer Award, Academy of Rehabilitative Audiology
2011	Presenter, “Listen Up and Get Involved”, 161 <sup>st</sup> meeting of the Acoustical Society of America
2011-present	Peer reviewer, <i>Journal of Phonetics</i>
2011-2014	Member, Steering Committee, American Speech-Language-Hearing Association Special Interest Group 7: Aural Rehabilitation and Its Instrumentation
2010	Poster session chair, 159 <sup>th</sup> meeting of the Acoustical Society of America
2008-2012	Secretary, Academy of Rehabilitative Audiology
2008-2010	Reviewer, Young Investigator Travel Award, Women in Acoustics Committee, Acoustical Society of America, 156 <sup>th</sup> , 157 <sup>th</sup> , 158 <sup>th</sup> , and 159 <sup>th</sup> meetings
2008	Poster session chair, 156 <sup>th</sup> meeting of the Acoustical Society of America

- 2008 Reviewer, New Century Scholars Research Grant Program, American Speech-Language-Hearing Foundation
- 2007 Co-organizer and Co-chair, “Speech Communication: Speech Intelligibility and the Vowel Space.” Special session at the 154<sup>th</sup> meeting of the Acoustical Society of America
- 2007-2009 Member, ad hoc committee on provision of child care at conferences, Women in Acoustics Committee, Acoustical Society of America
- 2007-2019 Judge, Student Paper Competition, Speech Communication Technical Committee, 153<sup>rd</sup>, 154<sup>th</sup>, 159<sup>th</sup>, 161<sup>st</sup>, 164<sup>th</sup>, 167<sup>th</sup>, 168<sup>th</sup>, 170<sup>th</sup>, 174<sup>th</sup>, 175<sup>th</sup>, and 177<sup>th</sup> meetings of the Acoustical Society of America
- 2006-2010 Assistant editor, *Journal of the American Academy of Audiology*
- 2005 Ad hoc grant reviewer, American Speech-Language-Hearing Association, Students Preparing for Academic Research Careers (SPARC) Award
- 2005 Organizer, Student Paper Competition, Speech Communication Technical Committee, 150<sup>th</sup> meeting of the Acoustical Society of America
- 2005 Peer reviewer, *Speech Communication*
- 2004-2009 Member, Women in Acoustics Committee, Acoustical Society of America
- 2003 Ad hoc peer reviewer, American Speech-Language-Hearing Association Working Group on Acoustics in Educational Settings
- 2003 Organizer and Chair, “Speech Communication: Acoustical and Perceptual Characteristics of Special Speech Registers,” Special session at the 145<sup>th</sup> meeting of the Acoustical Society of America
- 2003-present Peer reviewer, *Journal of Gerontology: Psychological Sciences*
- 2003-present Peer reviewer, *Journal of Speech, Language, and Hearing Research*
- 2003-present Peer reviewer, *Journal of the Acoustical Society of America*

## **INTERNATIONAL SERVICE**

- 2019 Peer reviewer, *International Journal of Bilingualism*
- 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
- 2016 Peer reviewer, *International Journal of Disability, Development and Education*
- 2015 Peer reviewer, *International Journal of Speech-Language Pathology*
- 2015 Reviewer, Grant Application, Netherlands Organization for Scientific Research Innovative Research Incentives Scheme – Vidi
- 2014 Peer reviewer, *Language and Speech*
- 2013 Peer reviewer, *Folia Phoniatrica et Logopaedica*
- 2011 Reviewer, Strategic Grant Application, Medical Research Council of the United Kingdom
- 2010 Peer reviewer, *International Journal of Language and Communication Disorders*