

**Shae D. Morgan, Au.D., Ph.D., CCC-A**

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**EDUCATION**

08/2008-04/2009 B.S., Communication Disorders, Brigham Young University, Provo, UT  
08/2013-05/2018 Au.D., Audiology, University of Utah, Salt Lake City, UT  
08/2013-05/2018 Ph.D., Speech Language Pathology and Audiology, University of Utah, Salt Lake City, UT

**ACADEMIC APPOINTMENTS**

01/2017-12/2018 Instructor/Co-instructor  
Department of Communication Sciences and Disorders  
University of Utah  
Salt Lake City, UT  
  
06/2018-05/2019 Instructor  
Department of Otolaryngology, Head and Neck Surgery and Communicative Disorders  
University of Louisville  
Louisville, KY  
  
06/2019-present Assistant Professor  
Department of Otolaryngology, Head and Neck Surgery and Communicative Disorders  
University of Louisville  
Louisville, KY

**OTHER POSITIONS AND EMPLOYMENT**

08/2013-05/2018 Graduate Research Assistant, Speech Acoustics and Perception Lab, University of Utah  
06/2018-present Director, Auditory Perception Laboratory, University of Louisville  
06/2019-present Director, Audiology Innovation Laboratory, University of Louisville  
09/2020-present Coordinator, Clinical Simulation, University of Louisville  
10/2020-present Director of Research, Program in Audiology, University of Louisville

**CERTIFICATION AND LICENSURE**

10/2018-present Certificate of Clinical Competence in Audiology - ASHA  
10/2018-present Kentucky State Audiology License

**PROFESSIONAL MEMBERSHIPS AND ACTIVITIES**

08/2013-present American Speech-Language-Hearing Association  
Research Mentor-Pair Travel Award Participant (2016)  
Reviewer for the Journal of Speech, Language, and Hearing Research  
ASHA Faculty Development Institute (2019)  
Health Professions Week Representative (2019)  
  
01/2014-present Acoustical Society of America

01/2020-present      Local Organizing Committee Member (2016, 2019)  
                                  Student Council Representative for Speech Communication (2016-2018)  
                                  Frontiers in Neuroscience  
                                  Reviewer, Auditory Cognitive Neuroscience  
                                  Session Chair (2018)

## HONORS, AWARDS, AND RECOGNITION

### RESEARCH

05/2014                      Press release of research, Stop shouting at me: Why clear speech can sound angry, American Institute of Physics: 167th Meeting of the Acoustical Society of America  
 08/2015-05/2017        Graduate Student Travel Award, University of Utah  
 04/2015                      Best Student/Trainee Poster Award, 9th Annual Research Retreat, Center on Aging, University of Utah  
 01/2016                      Press release of research, Perceived anger in clear speech: Effect of simulated hearing loss, University of Utah  
 11/2016                      Research Mentor-Pair Travel Award, American Speech-Language-Hearing Association  
 11/2017                      Audiology Research Travel Award, American Speech-Language-Hearing Association  
 08/2018                      Student Research Award, University of Utah, College of Health  
 07/2019                      Press release of research: Aggression Detectors: The Unproven, Invasive Surveillance Technology Schools Are Using to Monitor Students, ProPublica and WIRED  
 07/2019                      Honorarium, Invited presentation, Kentucky Academy of Audiology annual meeting  
 02/2020                      Honorarium, Invited presentations, Kentucky Speech-Language Hearing Association Convention

### ACADEMIC

08/2008-05/2013        Full Tuition Scholarship: Academic Achievement, College of Education, Brigham Young University  
 05/2014                      Most Supportive Graduate Student, Awarded by NSSLHA, University of Utah  
 05/2015                      Francis Dolowitz Memorial Scholarship, Department of Communication Sciences and Disorders, University of Utah  
 05/2016                      Scott Lamborn Memorial Scholarship, Department of Communication Sciences and Disorders, University of Utah  
 05/2016                      Starkey 2016 William F. Austin Scholarship, Starkey Hearing Technologies  
 03/2017                      CaptionCall Graduate Student Scholarship, CaptionCall  
 05/2017                      Gordon and Betty Browning Memorial Scholarship, Department of Communication Sciences and Disorders, University of Utah  
 06/2017                      New Century Scholars Doctoral Scholarship, American Speech-Language-Hearing Association  
 11/2018                      Audiology Early Career Professionals Award, American Speech-Language-Hearing Association

## COMMITTEE ASSIGNMENTS AND ADMINISTRATIVE SERVICES

### *University*

12/2018-present        Admissions Committee, Program in Audiology, University of Louisville  
 02/2019                      Grievance Committee, Program in Audiology, University of Louisville  
 10/2019-present        Curriculum Committee, Program in Audiology, University of Louisville

### *Non-University*

06/2017-11/2018        Student Council, Acoustical Society of America, Speech Communication  
 08/2015-05/2016        Local Organizing Committee, Acoustical Society of America, Salt Lake City, UT  
 08/2018-05/2019        Local Organizing Committee, Acoustical Society of America, Louisville, KY  
 10/2018-present        Faculty Judge, Research!Louisville, Louisville, KY

**EDUCATIONAL ACTIVITIES***General*

2018-present UME Faculty Development Series, University of Louisville  
 2018-present Teaching and Learning Workshops, University of Louisville  
 2018-present ASHA Faculty Development Institute – updating curriculum, ASHA

*Course Director*

2018-present AUDI 606 – Acoustics and Speech Acoustics, University of Louisville  
 2018-present AUDI 692 – Implantable Devices, University of Louisville  
 2018-present AUDI 654 – Advanced Auditory Processing, University of Louisville  
 2020-present AUDI 660 – Investigations in Audiology, University of Louisville

*Co-Instructor*

2017 CSD 4500 – Introduction to Audiology, University of Utah  
 2017 CSD 7860 – Vestibular Assessment and Rehabilitation, University of Utah

*Course Developer*

AUDI 606 – Acoustics and Speech Acoustics, University of Louisville  
 AUDI 692 – Implantable Devices, University of Louisville  
 AUDI 654 – Advanced Auditory Processing, University of Louisville  
 AUDI 660 – Investigations in Audiology, University of Louisville

*Faculty Advisor*

Class of 2021 Rachel Berry, Au.D. Student  
 Class of 2022 Maggie Spiegel, Au.D. Student  
 Class of 2022 Korinne Quire, Au.D. Student  
 Class of 2023 Karsin Spinks, Au.D. Student  
 Class of 2023 Michaela McIntosh, Au.D. Student  
 Class of 2023 Tiffany Hoskins, Au.D. Student  
 Class of 2023 Elizabeth Medlock, Au.D. Student  
 Class of 2024 JiSung Park, Au.D. Student  
 Class of 2024 Kingsley Warrington, Au.D. Student

*Capstone Students*

2017-2018 Ashton Crain, Au.D. Student  
 2017-2018 Rebecca Labowe, Au.D. Student  
 2017-2018 Eric Johnson, Au.D. Student  
 2019-2020 Rachel Berry, Au.D. Student  
 2019-2021 Scott Capece, Au.D. Student  
 2020-2021 Clarissa Story, Au.D. Student  
 2020-2022 Tiffany Hoskins, Au.D. Student

*Student Lab Workers*

2018-Present Rachel Berry, Au.D. Student  
 2018-2019 Korinne Quire, Au.D. Student  
 2018-Present Scott Capece, Au.D. Student  
 2019-2020 Clarissa Story, Au.D. Student

2019-2020 Meredith Del Castillo, Au.D. Student  
 2019-Present Tiffany Hoskins, Au.D. Student  
 2019-Present Stacy Garrard, Au.D. Student  
 2020 David Yeager, Au.D. Student

### *Clinical Supervision*

#### *Vestibular testing*

2019 – Maggie Spiegel

#### *Pediatric ENT clinic coverage*

2019 – Maggie Spiegel

#### *Intraoperative Neural Monitoring*

2020 – TBD

#### *Clinical Simulation*

2020 – Beth Rosen

2020 – Rachel Berry

2020 – Rebecca Vajda

2020 – Rebecca Burden

### *Thesis/Doctoral Students*

2017-2018 Jamie Booz, advisor, M.S. thesis in Speech-Language Pathology

### *Other student teaching*

2017-2018 Caroline Champougny, visiting scholar

### *Invited Presentations*

*Presenting speech in noise (2017)*. University of Utah CrossTalk Toolbox Session

*Communication sciences and disorders*. Introduction to Health Professions (H EDU 2010), University of Utah.

*Discussion of recently published work (2018)*. Online Journal Club, ASHA ECP Community.

*Innovation in audiology (2018)*. AUDI 636, University of Louisville.

*Issues in auditory processing (2018)*. AUDI 636, University of Louisville.

*Emotions in speech (2019)*. Kentucky Academy of Audiology Annual Meeting, Lexington, KY.

*Talker and Listener Factors in Social Communication (2020)*. Kentucky Speech-Language Hearing Association Annual Meeting, Lexington, KY.

*Emotion in Speech (2020)*. Kentucky Speech-Language Hearing Association Annual Meeting, Lexington, KY.

## **CLINICAL ACTIVITIES**

2018 ULP credentials received  
 2019-2020 Clinical audiologist, vestibular testing, HCOC  
 2019-2020 Clinical audiologist, pediatric audiology, Voice Center  
 2019-present Development of intraoperative monitoring service – new source of income  
 2020-present Development of clinical simulation opportunities

## **GRANTS AND CONTRACTS**

### *Pending*

1. Auditory emotion recognition as a predictor of quality of life: Test development and assessment (Principal Investigator)  
 National Institute on Deafness and Other Communicative Disorders: R21 Early Career Researcher (PAR-18-487)  
 National Institutes of Health

Amount: \$300,000 direct costs

*Anticipated: 6/2020-5/2023*

*Current*

1. Otitis media light treatment (Principal Investigator)  
*School of Medicine Basic Grant*  
University of Louisville  
Amount: \$25,000 direct costs  
6/2019-5/2020
2. Auditory perception of suprasegmental speech information (Principal Investigator)  
*ASHA New Investigator Research Grant*  
American Speech-Language Hearing Association  
Amount: \$10,000 direct costs  
12/2019-11/2020

*Past*

1. Otitis media light therapy, Co-Principal Investigator, National Science Foundation Innovation Corps Grant:  
NSF I-corps grant contract number: 1347345  
Award total: \$3,000 direct costs  
10/2016-05/2017

*Not awarded*

1. Otitis media light treatment (Principal Investigator)  
*ExCITE Product Development Grant*  
University of Louisville  
Amount requested: \$50,000 direct costs  
Anticipated timeline: 7/2019-2/2020
2. Otitis media light treatment (Principal Investigator)  
*Innovation Grant*  
University of Louisville  
Amount requested: \$25,000 direct costs  
Anticipated timeline: 7/2019-6/2020
3. Otitis media light treatment (Principal Investigator)  
*ASHA Clinical Research Grant*  
American Speech-Language Hearing Association  
Amount requested: \$75,000 direct costs  
Anticipated timeline: 12/2019-11/2021
4. Otitis media light treatment: Clinical considerations (Principal Investigator)  
*EVPRI Transdisciplinary Grant*  
University of Louisville  
Amount requested: \$25,000 direct costs  
Anticipated Timeline: 01/2020-12/2020
5. Otitis media light treatment: Clinical considerations (Principal Investigator)  
*KYNETIC Grant*

University of Louisville/NIH  
 Amount requested: \$50,000 direct costs  
 Anticipated Timeline: 06/2020-12/2020

6. Otitis Media Light Treatment (OMeLiT): Clinical considerations (Principal Investigator)  
*Mallinckrodt Grant*  
 Edward Mallinckrodt Jr. Foundation  
 Amount: \$180,000 direct costs  
 Anticipated: 1/2021-12/2023

## EDITORIAL WORK

08/2016-present	Peer reviewer, Journal of the Acoustical Society of America (1x/year)
08/2017-present	Peer reviewer, Journal of Speech Language and Hearing Research (1x/year)
08/2017-present	Peer reviewer, Speech Communication (1x/year)
04/2019-present	Peer reviewer, Language and Speech (1x/year)
01/2020-present	Peer reviewer, Frontiers in Neuroscience (1x/year)
06/2020-present	Peer reviewer, Cochlear Implants International (2x/year)

## ABSTRACTS AND PRESENTATIONS

### ORAL PRESENTATIONS

#### *National/International Meetings*

1. Ferguson, S.H. & **Morgan, S.D.** (2016, May). Talker gender effects in the Ferguson Clear Speech Database. 171st Meeting of the Acoustical Society of America, Salt Lake City, UT, USA.
2. **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, USA.
3. **Morgan, S.D.\*** (2018, November). Informational masking of calm speech targets by emotional speech maskers. American Speech-Language-Hearing Association Convention, Boston, MA, USA.

#### *Local/Regional Meetings*

1. **Morgan, S.D.\***, Pickett, T., & Rhodes, N. (2017, April). LightLine™ OM: A novel light treatment for otitis media. iCorps Site Research Presentations, Salt Lake City, UT, USA.
2. **Morgan, S.D.\*** (2018, February). Informational masking and emotion in speech. Utah Speech-Language-Hearing Association Annual meeting, Salt Lake City, UT, USA.
3. **Morgan, S.D.\*** (2019, July). Emotion in speech. Kentucky Academy of Audiology Annual Meeting, Lexington, KY, USA.

### POSTERS

#### *National/International Meetings*

1. **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, USA.
2. 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, USA.
3. **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, USA.

4. 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, USA.
5. **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, USA.
6. Ferguson, S.H. & **Morgan, S.D.** (2016). Talker gender effects in the Ferguson Clear Speech Database. 2016 World Congress of Audiology, Vancouver, BC, Canada.
7. **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, USA.
8. **Morgan, S.D.\***, Jennings, S.G., & Ferguson, S.H. (2016, September). Perceived anger in clear speech: Effect of simulated hearing loss. 2016 ARA Institute, Vancouver, British Columbia, Canada.
9. **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, USA.
10. **Morgan, S.D.\*** & Crain, A. (2017, December). Perceived anger in clear and conversational speech: Effect of aging and hearing loss. 174th Meeting of the Acoustical Society of America, New Orleans, LA, USA.
11. **Morgan, S.D.\*** & Labowe, R. (2017, December). Discrete ratings and dimensional judgments of emotional speech: A preliminary look at gender differences. 174th Meeting of the Acoustical Society of America, New Orleans, LA, USA.
12. **Morgan, S.D.\*** (2018, May). Informational masking of calm speech targets by emotional speech maskers. 175th Meeting of the Acoustical Society of America, Minneapolis, MN, USA.
13. **Morgan, S.D.\*** (2018, November). Optimal use of the visual analog scale: Observations from ratings of emotional speech. 176<sup>th</sup> Meeting of the Acoustical Society of America, Victoria, BC, Canada.
14. **Morgan, S.D.\*** (2019, May). Segmental and suprasegmental communicative information: Speech versus emotion recognition thresholds. 177<sup>th</sup> Meeting of the Acoustical Society of America, Louisville, KY, USA.
15. **Morgan, S.D.\***, Zahorik, P., Stilp, C. (2019, May). Graduate program in acoustics at the University of Louisville. 177<sup>th</sup> Meeting of the Acoustical Society of America, Louisville, KY, USA.
16. Roche, J., **Morgan, S.D.**, Glynn, E. (2019, November). Social judgments about speaker confidence and trust: A computer mouse-tracking paradigm. 18<sup>th</sup> annual Auditory Perception, Cognition, and Action Meeting, Montreal, Canada.
17. **Morgan, S.D.**, Yoder-Himes, D., Roussel, T., Naber, J., Berry, R. (2020, January). Use of high-energy visible light in the inactivation of otitis media bacteria. 2020 Midwinter Meeting of the Association of Research in Otolaryngology, San Jose, CA, USA.

18. **Morgan, S.D.**, Yoder-Himes, D., Roussel, T., Naber, J., Berry, R. (2020, April). Use of high-energy visible light in the inactivation of otitis media bacteria. American Academy of Audiology Convention, New Orleans, LA, USA. (Conference cancelled, presented online).
19. **Morgan, S.D.**, Garrard, S., Hoskins, T. (2020, May). Comparing word and emotion recognition by listeners with normal hearing using unprocessed and vocoded stimuli. 179<sup>th</sup> Meeting of the Acoustical Society of America, Chicago, IL, USA. (Conference cancelled).
20. **Morgan, S.D.** (2020, December). Comparing word and emotion recognition by listeners with normal hearing using unprocessed and vocoded stimuli. 180<sup>th</sup> Meeting of the Acoustical Society of America, Virtual Conference: [https://asa\\_ave20.vfairs.com/](https://asa_ave20.vfairs.com/).

### ***Local/Regional Meetings***

1. Ferguson, S.H., Hunter, E.J., Mellum, C.A., Rogers, L.R., & **Morgan, S.D.** (2014, April). Listener judgments of age in a single-talker 48-year longitudinal sample. University of Utah Center on Aging 8th Annual Research Retreat.
2. **Morgan, S.D.\*** & Ferguson, S.H., (2014, April). Perceived emotional valence in clear and conversational speech. 2014 Audiology Spring Symposium, University of Utah.
3. 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. <https://www.youtube.com/watch?v=h-w8xwYZmy4>.
4. **Morgan, S.D.\*** (2014, October). Presentation at a research mixer, Consortium for Families and Health Research, University of Utah.
5. **Morgan, S.D.\*** & Ferguson, S.H. (2015, April). Perceived emotional valence in clear and conversational speech for older adults with hearing loss. 2015 Audiology Spring Symposium, University of Utah.
6. **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.
7. **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.
8. **Morgan, S.D.\***, Jennings, S.G., & Ferguson, S.H. (2016, April). Perceived anger in clear speech: Effect of simulated hearing loss. 2016 Audiology Spring Symposium, University of Utah.
9. **Morgan, S.D.\***, Jennings, S.G., & Ferguson, S.H. (2017, April). Perceived anger in clear speech: Effect of simulated hearing loss. 2017 Regional Audiology Spring Symposium, Pocatello, ID.
10. Quire, K. & **Morgan, S.D.\*** (2019, June). Emotion recognition scores: The effect of amplitude, pitch, and duration. Kentucky Academy of Audiology Annual meeting. Lexington, KY.
11. Berry, R. & **Morgan, S.D.\*** (2019, June). Emotion recognition scores: Evaluation of number of trials on test reliability. Kentucky Academy of Audiology Annual meeting. Lexington, KY.



**PEER-REVIEWED/ORIGINAL RESEARCH MANUSCRIPTS**

1. **Morgan, S.D.\***, & Ferguson, S.H. Perceived emotional valence in clear and conversational speech, Proceedings of Meetings on Acoustics, 2015; 21: 060008.
2. **Morgan, S.D.\***, & Ferguson, S.H. Perceived emotion in clear and conversational speech by young adults with normal hearing and older adults with hearing loss, J Speech Lang Hear R, 2017; 60:2271-2280.
3. Getty, D., **Morgan, S.D.**, & Strayer, D. The effects of voice system design components on driver workload, Transp Res Rec, 2018; DOI:0361198118777382
4. **Morgan, S.D.\*** Informational masking and emotion in the speech signal, ProQuest, Dissertation: University of Utah, 2018
5. Ferguson, S. H., & **Morgan, S. D.** Talker Differences in Clear and Conversational Speech: Perceived Sentence Clarity for Young Adults With Normal Hearing and Older Adults With Hearing Loss, J Speech Lang Hear R, 2018; 61:159-173.
6. **Morgan, S.D.\***, Roche, J.M., Fissel, S.N., & Bryndel, K. Acoustic Correlates of Female Confidence: A Production and Comprehension Study, J Acoust Soc Am, 2019; 145:3410-3426.
7. **Morgan, S.D.\*** Categorical and dimensional ratings of emotional speech: Behavioral findings from the Morgan Emotional Speech Set, J Speech Lang Hear R, 2019; 62:4015-4029.
8. Johnson, E., **Morgan, S.D.**, & Ferguson, S.H. Does time compression decrease intelligibility for female talkers more than for male talkers?, J Speech Lang Hear R, 2020; 63: 1083-1092.

*In press, Accepted, Under review, In Revision, or In Preparation*

9. Schilaty, S., Ferguson, S.H., Champougny, C., & **Morgan, S.D.**, Intelligibility of Standard British English sentences for American younger and older listeners with and without hearing loss, J Am Acad Audiol, 2020; *accepted*
10. **Morgan, S.D.\*** Comparing emotion recognition and word recognition in background noise, J Speech Lang Hear R, ant. 2020; *under review after revision*
11. **Morgan, S.D.**, Yoder-Himes, D., Roussel, T, Jackson, D., Naber, J., Berry, R., & Cash, L. Bactericidal effects of high-energy visible light on common otitis media pathogens, J Assoc Res Oto, ant. 2020; *in revision*
12. **Morgan, S.D.**, Garrard, S., Hoskins, T. Emotion and word recognition for unprocessed and vocoded speech stimuli, *Ear and Hearing*, ant. 2021, *under review after revision*
13. **Morgan, S.D.\*** Informational masking of calm speech targets by emotional maskers, J Acoust Soc Am, ant. 2021; *in preparation*
14. **Morgan, S.D.**, Capece, S., Yoder-Himes, D., Roussel, T, Naber, J., Jackson, D., Cash, L. Comparing antibiotic dosing with high-energy visible light in the treatment of primary otitis media pathogens, J Assoc Res Oto, ant. 2021; *in preparation*

**OTHER PUBLICATIONS/MEDIA COVERAGE**

*Consultant*

1. (2014, May 6). Stop shouting at me: Why clear speech can sound angry. Retrieved from <https://www.sciencedaily.com/releases/2014/05/140506094441.htm>
2. Siegel, L. (2016, May 25). Brit accents vex U.S. hearing-impaired elderly. <https://healthcare.utah.edu/publicaffairs/news/2016/05/Accents-elderly.php>
3. Gillum, J., & Kao, J. (2019, June 25). Aggression detectors: The unproven, invasive surveillance technology schools are using to monitor students. Retrieved from <https://features.propublica.org/aggression-detector/the-unproven-invasive-surveillance-technology-schools-are-using-to-monitor-students/>
4. (2019). U of L Today Show with Mark Herbert. 8 Minute discussion of recently published research.