

**Lynzee A. Cornell, Ph.D., F-AAA, CCC-A**

MDA 220L; University of Louisville

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**EDUCATION**

2005 B.S. in Psychology and Human Development, Juniata College, Huntingdon, Pennsylvania  
2007 M.A. in Audiology, University of Tennessee, Knoxville, Tennessee  
2010 Alexander Graham Bell Cochlear Implant Fellowship, University of Tennessee, Knoxville, Tennessee  
2011 Ph.D. in Speech and Hearing Science, University of Tennessee, Memphis, Tennessee

**ACADEMIC APPOINTMENTS**

2009-2010 Instructor  
Department of Audiology and Speech Pathology  
University of Tennessee  
Knoxville, Tennessee

2010-2011 Instructor  
Department of Surgery; Division of Audiology  
University of Louisville  
Louisville, Kentucky

2011- 2016 Assistant Professor  
Department of Surgery; Division of Audiology  
University of Louisville  
Louisville, Kentucky

2012-2016 Director of Pediatric Audiology  
Department of Surgery; Division of Audiology  
University of Louisville  
Louisville, Kentucky

2014-2016 Clinic Director  
Department of Surgery; Division of Audiology  
University of Louisville  
Louisville, Kentucky

2016-present Assistant Professor  
Department of Otolaryngology and Communicative Disorders  
Division of Audiology  
University of Louisville  
Louisville, Kentucky

2016-present Director of Pediatric Audiology  
Department of Otolaryngology and Communicative Disorders  
Division of Audiology  
University of Louisville  
Louisville, Kentucky

2016-present Clinic Director  
 Department of Otolaryngology and Communicative Disorders  
 Division of Audiology  
 University of Louisville  
 Louisville, Kentucky

#### **CERTIFICATION AND LICENSURE**

2010 Tennessee Audiology Provisional License  
 2011 Kentucky Audiology License (*active*)  
 2011 Kentucky Hearing Instrument Specialist License (*active*)  
 2011 American Academy of Audiology Fellow (*active*)  
 2012 Certification of Clinical Competence in Audiology (*active*)

#### **PROFESSIONAL MEMBERSHIPS AND ACTIVITIES**

2010 The National Scholars Honor Society, Invited Member  
 2010 American Academy of Audiology, Student Member  
 2010 American Speech-Language-Hearing Association, Student Member  
 2010 The University of Tennessee Journal Club, Student Member  
 2011 American Academy of Audiology, Fellow Member (*active*)  
 2012 American Speech-Language-Hearing Association, Professional Member (*active*)  
 2015 Early Hearing Detection and Intervention State Advisory Board member (*active*)  
 2016 Director, Kentucky Special Olympics Healthy Hearing (*active*)

#### **HONORS AND AWARDS**

2005-2006 Graduate Student Award for Research in Audiology (Louisiana Tech University)  
 2005-2006 Outstanding Graduate Academician in Audiology (Louisiana Tech University)  
 2006 Outstanding Au.D. Student Award Nominee via Audiology Foundation of America  
 2006- 2010 Graduate Assistantship; The University of Tennessee  
 2007 Invited member of The National Scholars Honor Society  
 2009 Outstanding Student Research Poster Award; TAASLP 2009  
 2009- 2010 Alexander Graham Bell Cochlear Implant Fellowship  
 2010-2011 Who's Who in Science and Engineering  
 2012-2013 Scholar Award; American Academy of Audiology  
 2014-2017 ACE Award Recipient (*active*)  
 2016 Kentucky Speech and Hearing Association Research Poster Award

#### **COMMITTEE ASSIGNMENTS AND ADMINISTRATIVE SERVICES**

##### **National**

2008-2009 The American Academy of Audiology National Convention; Learning Modules Committee  
 2012 The American Academy of Audiology National Convention; Presentation Moderator  
 2015 Early Hearing Detection and Intervention Poster Committee **Chair**

##### **State**

2009-2010 Tennessee Newborn Hearing Screening Program; Cochlear Implant Guidelines Committee  
 2015 Early Hearing Detection and Intervention Advisory Board Member (*active*)  
 2015 Special Olympics of Kentucky Healthy Hearing **Director** (*active*)

##### **University**

2008-2009 The University of Tennessee; Student Issues Committee  
 2010 University of Louisville; Clinic Committee (*active*)  
 2010 Graduate Student Advisor (*active*)

2010 Graduate Research Mentor (*active*)  
 2011 Research Louisville; Poster Judge  
 2011 Valeo Publications; Marketing Article  
 2011 Clinical Audiologist Search Committee  
 2012 Prospective Student Outreach (*active*)  
 2012 Clinic coverage scheduling (*active*)  
 2012 Audiology student clinic scheduling (*active*)  
 2012 Research Louisville; Poster Judge  
 2012 Topic and Website Design; Audiology Department (*active*)  
 2012 Au.D./Ph.D. Program Development Committee (*active*)  
 2013 Research Louisville; Poster Judge  
 2013 Clinical Audiologist Search Committee  
 2014 Division Chief Search Committee (Audiology)  
 2014 Student Academy of Audiology Faculty Advisor (*active*)  
 2014 Research Louisville; Poster Judge  
 2015 Research Louisville; Poster Judge  
 2015 Pediatric Building Planning Committee (*active*)  
 2015 Faculty Search Committee (Audiology)  
 2015 ULP Department of Otolaryngology and Communicative Disorders Finance Committee (*active*)  
 2016 Faculty Search Committee (Audiology)  
 2017 Faculty Search Committee (Otolaryngology)  
 2017 Faculty Search Committee (Audiology)

#### **Volunteer**

2010 Hearing and Speech Foundation; Jamaica Project  
 2011 WHAS Health Fair; Hearing Screenings  
 2012 WHAS Health Fair; Hearing Screenings  
 2012 Senior's Day Out; Hearing Screenings and Information  
 2012 Special Olympics MedFest; Hearing Screenings  
 2012 GreatDay Live!; TV Broadcast; Information on Cochlear Implants  
 2013 University of Louisville Hospital; Hearing Screenings and Information  
 2013 Masonic Homes; Hearing Screenings  
 2013 SuperHEARos; Faculty **Advisor**  
 2014 Special Olympics MedFest; Hearing Screenings  
 2014 Wild in Hear; Faculty **Advisor**  
 2014 RedBird Mission Healthy Hearing Initiative Collaboration with University of Louisville (*active*)  
 2015 Let's Celebrate; Faculty **Advisor**  
 2016 Special Olympics Kentucky Healthy Hearing **Director** (*active*)  
 2016 Special Olympics MedFest Louisville; Hearing Screenings  
 2016 Special Olympics MedFest Northern Kentucky; Hearing Screenings  
 2016 Go for the Gold; Faculty **Advisor**  
 2017 HEARassic Park; Faculty **Advisor**  
 2018 Mad Science; Faculty **Advisor**

#### **EDUCATIONAL ACTIVITIES**

2004 *Teaching Assistant:* Beginning Sign Language: Juniata College, Huntingdon, PA.  
 2004 *Teaching Assistant:* Advanced Sign Language: Juniata College, Huntingdon, PA.  
 2005 *Teaching Assistant:* Sign Language III: Juniata College, Huntingdon, PA.  
 2008 *Graduate Teaching Assistant:* Advanced Seminar in Amplification (ASP 664): University of Tennessee, Knoxville, TN.

- 2008 *Graduate Teaching Assistant: Amplification Technology (ASP 543): University of Tennessee, Knoxville, TN.*
- 2008 *Guest Lecturer: Advanced Aural Rehabilitation (ASP 594): University of Tennessee, Knoxville, TN.*
- 2008 *Instructor: Introduction to Audiologic Assessment (ASP 473): University of Tennessee, Knoxville, TN.*
- 2009 *Guest Lecturer: Introduction to Communication Disorders (ASP 300): University of Tennessee, Knoxville, TN.*
- 2009 *Instructor: Pediatric Audiology for Education Professionals (ASP 573): University of Tennessee, Knoxville, TN.*
- 2009 *Instructor: Hearing Disorders (ASP 542): University of Tennessee, Knoxville, TN.*
- 2010-present *Doctoral Student Clinical Educator/Supervisor: University of Louisville, Louisville, KY.*
- 2010-present *Doctoral Student Research Advisor: University of Louisville, Louisville, KY.*
- 2010-present *Doctoral Student Faculty Advisory: University of Louisville, Louisville, KY.*
- 2011 *Instructor: Pediatric Audiology (AUDI 636): University of Louisville, Louisville, KY.*
- 2011 *Instructor: Electrophysiology (AUDI 611): University of Louisville, Louisville, KY.*
- 2011 *Instructor: Clinical Techniques II (AUDI 615): University of Louisville, Louisville, KY.*
- 2011 *Assistant Professor: Cochlear Implants (AUDI 629): University of Louisville, Louisville, KY*
- 2011 *Assistant Professor: Clinical Report Writing (AUDI 679): University of Louisville, Louisville, KY*
- 2012 *Assistant Professor: Medical Audiology (AUDI 646): University of Louisville, Louisville, KY*
- 2012 *Assistant Professor: Pediatric Audiology (AUDI 636): University of Louisville, Louisville, KY*
- 2012 *Assistant Professor: Cochlear Implants (AUDI 629): University of Louisville, Louisville, KY*
- 2013 *Assistant Professor: Pathologies of Auditory and Vestibular Systems (AUDI 612): University of Louisville, Louisville, KY*
- 2013 *Assistant Professor: Pediatric Audiology (AUDI 636): University of Louisville, Louisville, KY*
- 2013 *Assistant Professor: Independent Study (AUDI 679): University of Louisville, Louisville, KY*
- 2013 *Assistant Professor: Cochlear Implants (AUDI 629): University of Louisville, Louisville, KY*
- 2014 *Assistant Professor: Medical Audiology (AUDI 646): University of Louisville, Louisville, KY*
- 2014 *Assistant Professor: Pediatric Audiology (AUDI 636): University of Louisville, Louisville, KY*
- 2014 *Assistant Professor: Counseling and Communication (AUDI 619): University of Louisville, Louisville, KY*
- 2014 *Assistant Professor: Cochlear Implants (AUDI 629): University of Louisville, Louisville, KY*
- 2014 *Assistant Professor: Clinical Clerkship I (AUDI 610): University of Louisville, Louisville, KY*
- 2014 *Assistant Professor: Clinical Clerkship II (AUDI 620): University of Louisville, Louisville, KY*
- 2014 *Assistant Professor: Audiology Internship (AUDI 635): University of Louisville, Louisville, KY*
- 2014 *Assistant Professor: Independent Study (AUDI 679): University of Louisville, Louisville, KY*
- 2014-present *Student Academy of Audiology Faculty Advisor; University of Louisville, Louisville, KY*
- 2015 *Assistant Professor: Pathologies of Auditory and Vestibular Systems (AUDI 612): University of Louisville, Louisville, KY*
- 2015 *Assistant Professor: Pediatric Audiology (AUDI 636): University of Louisville, Louisville, KY*
- 2015 *Assistant Professor: Counseling and Communication (AUDI 619): University of Louisville, Louisville, KY*
- 2015 *Assistant Professor: Clinical Clerkship I (AUDI 610): University of Louisville, Louisville, KY*
- 2015 *Assistant Professor: Clinical Clerkship II (AUDI 620): University of Louisville, Louisville, KY*
- 2015 *Assistant Professor: Audiology Internship (AUDI 635): University of Louisville, Louisville, KY*
- 2015 *Assistant Professor: Independent Study (AUDI 679): University of Louisville, Louisville, KY*
- 2016 *Assistant Professor: Amplification Technology (AUDI 624): University of Louisville, Louisville, KY*
- 2016 *Assistant Professor: Counseling and Communication/Standardized Patient Labs (AUDI 619): University of Louisville, Louisville, KY*
- 2016 *Assistant Professor: Essential Techniques of Audiology for Pediatrics and Adults (AUDI 604): University of Louisville, Louisville, KY*
- 2016 *Assistant Professor: Clinical Clerkship I (AUDI 610): University of Louisville, Louisville, KY*
- 2016 *Assistant Professor: Clinical Clerkship II (AUDI 620): University of Louisville, Louisville, KY*
- 2016 *Assistant Professor: Audiology Internship (AUDI 635): University of Louisville, Louisville, KY*

- 2017 *Assistant Professor: Pathologies of Auditory and Vestibular Systems (AUDI 612): University of Louisville, Louisville, KY*
- 2017 *Assistant Professor: Clinical Clerkship I (AUDI 610): University of Louisville, Louisville, KY*
- 2017 *Assistant Professor: Clinical Clerkship II (AUDI 620): University of Louisville, Louisville, KY*
- 2017 *Assistant Professor: Audiology Internship (AUDI 635): University of Louisville, Louisville, KY*
- 2017 *Assistant Professor: Counseling and Communication/Standardized Patient Labs (AUDI 619): University of Louisville, Louisville, KY*
- 2018 *Assistant Professor: Medical Audiology (AUDI 646): University of Louisville, Louisville, KY*
- 2018 *Assistant Professor: Clinical Clerkship I (AUDI 610): University of Louisville, Louisville, KY*
- 2018 *Assistant Professor: Clinical Clerkship II (AUDI 620): University of Louisville, Louisville, KY*
- 2018 *Assistant Professor: Audiology Internship (AUDI 635): University of Louisville, Louisville, KY*
- 2018 *Assistant Professor: Counseling and Communication/Standardized Patient Labs (AUDI 619): University of Louisville, Louisville, KY*

### **CLINICAL ACTIVITIES**

- 2010-present **Clinical Supervisor: University Audiology Associates; Kosair/Norton Children's Hospital**  
 - Providing services to a very diverse patient population from birth to the elderly. Re-creating the pediatric cochlear implant program within the practice, as well as supervising doctoral students in many of the following: Comprehensive audiologic test procedures; Physiologic testing: OAE, ABR, and Acoustic Immittance; Cochlear Implants: candidacy, initial stimulation, mapping, and aural habilitation; Pediatric and Adult hearing aid selection, evaluation, and orientation; Pediatric evaluation with behavioral observation, visual reinforcement and conditioned play audiometry; Ototoxic monitoring; FM system evaluation; Auditory processing disorder evaluations; Counseling of patient and family; Audiometric equipment calibration procedures; Ear mold selection and modification; Probe microphone measurements; and in-patient services
- 2012-present **Pediatric Director: University Audiology Associates; University Surgical Associates/University of Louisville Physicians Group**  
 -Providing comprehensive (as described above) pediatric audiology services to a very diverse patient population from birth to age 18. Providing evidence based practice to our pediatric patients and providing clinical supervision and well as didactic classroom instruction to our graduate audiology students.
- 2014-present **Clinic Director: University of Louisville Audiology; Division of University of Louisville Physicians Group**  
 -Oversee clinic operations, budget, collaborative relationships, marketing, student education and management of audiologists and schedules within the practice. Investigates, evaluates and obtains new clinical relationships for external clinical rotation sites for students. Maintains existing external clinical rotation relationships. Coordinates student clinical rotation schedules, semester evaluation and grades. Manages audiologists, staff schedule and clinic coverage across three practice locations and three hospitals. Creates new areas of clinic outreach within the community. Continually reviews and investigates new clinical opportunities and innovative evidence-based techniques.
- 2015-present **Pediatric Building Planning Committee Member: University of Louisville Audiology; Division of University of Louisville Physicians Group.**  
 -Provide insight regarding practice management, workflow, collaborative relationships, financials, evidence based and best practice procedures while formulating a new clinical landscape of shared clinical space within the proposed pediatric outpatient care center. Attends weekly and bi-weekly meetings working directly with project managers.

- 2015-present Financial Committee: Department of Otolaryngology and Communicative Disorders; Division of University of Louisville Physicians Group  
-Collaborative approach to a comprehensive understanding of clinical revenue, marketing, opportunity loss, electronic medical records keeping, and ongoing new clinical ventures.
- 2015-present Audiology Director: Lee Specialty Clinic.  
-Oversee clinical audiology operations, collaborative relationships and education, and student education of a specialty population. Providing services to a specialty population from age fourteen to elderly. Completing comprehensive audiologic test procedures; Physiologic Testing: OAE, ABR, and Acoustic Immittance; Hearing Evaluation: conditioned play audiometry, behavioral audiometry, speech discrimination testing; Counseling of patient, caregiver and/or family; and Audiometric equipment calibration procedures.
- 2016-present Director: Heath Hearing; Special Olympics of Kentucky  
-Organize and execute hearing screenings for the Special Olympic Healthy Athlete Program. Participate in planning meetings for state games as well as local MedFest events. Provide student participation and education with the following procedures: otoscopy, acoustic immittance, OAE, and behavioral or conditioned play audiometry. Collect hearing evaluation data for all athletes participating and report directly to Special Olympics of Kentucky.

## GRANTS AND CONTRACTS

- 2008 Bernafon. "Evaluation of open fit and receiver in the ear hearing instruments." Principal Investigator: Patrick N. Plyler; Co-Principal Investigator: Lynzee Alworth: \$190,090 awarded (\$163,600 in equipment).

## RESEARCH ACTIVITIES

- 2013 *Submitted: American Academy of Audiology New Investigator Grant. "Evaluation of standardized patient practice in an audiology curriculum."* Principal Investigator: Lynzee Alworth
- 2016 *In Progress: "Evaluation of clinical competencies utilizing standardized patients in an audiology curriculum."* Principal Investigator: Lynzee Cornell
- 2017 *In Progress: "Newborn hearing screenings: what most mother's never learn, and how we can reduce loss to follow-up."* Principal Investigator: Lynzee Cornell
- 2018 Clinic Contract: University of Louisville Hospital. Newborn Hearing Screening Program, Start Date January 1, 2018
- 2018 Clinic Participation: A four-year blinded outcomes follow-up study of patients who received Stannosporfin or placebo in clinical trial, 64, 185-204. Audiologic monitoring
- 2018 Clinic Participation: Clinical Trial with Dalbavancin in neonates. Audiologic monitoring.
- 2018 Clinic Contract (*In Progress*): Quills Coffee Hearing Conservation Program. Initial meeting 03/2018.

## ABSTRACTS AND PRESENTATIONS

### ORAL PRESENTATIONS

#### National

- 1.\* "Ask the Expert" Hearing Loss Association of America National Convention, Louisville, KY (August, 2013).
- 2.\* "Beyond the Cookie Cutter; Applying SP Methodology to New Fields"; **Cornell, L.**, & Reddy, M., Association of Standardized Patient Educators; Indianapolis, IN (June, 2014).

#### State

- 3.\* "Cochlear Implants...When to Vote Yes vs When to Vote No??" **Alworth, L.**, Kentucky Speech and Hearing Association State Convention; Louisville, KY (February, 2012).

- 4.\* "Infant Hearing Screenings: What Most Mother's Don't Know" **Alworth, L.**, Kentucky Speech and Hearing Association State Convention; Louisville, KY (February, 2012).
- 5.\* "What You Really Need to Know About Cochlear Implants"; **Cornell, L.**, Kentucky Speech and Hearing Association, Louisville, KY (February, 2015).
- 6.\* "A New Approach to Teaching Hearing Aids"; **Cornell, L.**, Kentucky Speech and Hearing Association, Lexington, KY (February, 2016).
- 7.\* "Clinical Education: From Classroom to Preceptor"; **Cornell, L.**, Kentucky Academy of Audiology, Lexington, KY (August, 2016).

#### Local/University

- 8.\* "Aging and Horizontal Localization" **Alworth, L.**, Heuser Hearing Institute Symposium; Spatial Hearing and Hearing Loss, Louisville, KY (March, 2011).
9. "Grand Rounds" **Alworth, L.**, University of Louisville; Ear, Nose and Throat, Louisville, KY (August, 2011).
10. "Grand Rounds" **Alworth, L.**, University of Louisville; Ear, Nose and Throat, Louisville, KY (December, 2011).
11. "Grand Rounds" **Alworth, L.**, Heuser Hearing Institute; Louisville, KY (June, 2012).
- 12.\* "Localization in the Classroom: Why Two Ears are better than One" **Alworth, L.**, Auditory Processing Disorder Seminar; Louisville, KY (October, 2012).
13. "Grand Rounds" **Alworth, L.**, University of Louisville; Ear, Nose, and Throat, Louisville, KY (December, 2012).
14. "Grand Rounds" **Alworth, L.**, University of Louisville; Ear, Nose, and Throat, Louisville, KY (August, 2013).
- 15.\* "Tinnitus...UGH!" **Alworth, L.**, Hearing Loss Association of America; Bardstown Ch., Louisville, KY (August, 2013).
- 16.\* "Does Vertigo = Meniere's Disease?" **Alworth, L.**, Hearing Loss Association of America; Bardstown Ch., Louisville, KY (August, 2013).
17. "Grand Rounds" **Cornell, L.**, University of Louisville; Ear, Nose, and Throat, Louisville, KY (December, 2014).

#### **POSTERS**

##### National Presentations

1. Johnstone, P.M., Harmon, L., Buehler, V., Plyler, E., Pritt, E., & **Alworth, L.** (2007). The Effect of Computer Based Audiologic Training on APD Test Scores. Poster Presentation at the APD Conference: *30 Years of Progress* (Cincinnati, Ohio).
2. **Alworth, L.N.**, Plyler, P.N., & Madix, S.G. (2007). The effect of personality type on the acceptance of background noise in listeners with normal hearing. Poster Presentation at the 19<sup>th</sup> annual American Academy of Audiology National Convention (Denver, Colorado).
3. Plyler, P.N., & **Alworth, L.N.** (2008). Effect of Interest Level of Speech on the ANL. Poster Presentation at the 20<sup>th</sup> annual American Academy of Audiology National Convention (Charlotte, North Carolina).
4. Plyler, P.N., & **Alworth, L.N.** (2008). ANL with and without Visual Speech Input. Poster Presentation at the 20<sup>th</sup> annual American Academy of Audiology National Convention (Charlotte, North Carolina).
5. **Alworth, L.N.**, Saltuklaroglu, T., & Plyler, P.N. (2008). Psychophysiological Responses and the Acceptable Noise Level. Poster Presentation at the 20<sup>th</sup> annual American Academy of Audiology National Convention (Charlotte, North Carolina).
6. **Alworth, L.N.**, Plyler, P.N., Johnstone, P., & Bertges, M. (2009). Occlusion and feedback headroom In open fit hearing aids. Poster Presentation at the 21<sup>st</sup> annual American Academy of Audiology National Convention (Dallas, Texas).

7. **Alworth, L.N., Plyler, P.N., Johnstone, P., & Bertges, M. (2009).** Evaluation of open fit and receiver in the ear hearing instruments. Poster Presentation at the 21st annual American Academy of Audiology National Convention (Dallas, Texas).
8. **Alworth, L.N., Plyler, P.N., & Johnstone, P. (2011).** Effect of age, occlusion and directionality on horizontal localization. Poster Presentation at the 23rd annual American Academy of Audiology National Convention (Chicago, Illinois).
9. **Booth, S., & Alworth, L. (2012).** Interaction between FM Cros system and a unilateral CI user: a case study. Poster Presentation at the 24th annual American Academy of Audiology National Convention (Boston, Massachusetts).
10. **Kubach, W., Walker, L., & Alworth, L. (2012).** Evaluation of newborn hearing screening education in prenatal classes. Poster Presentation at the 24th annual American Academy of Audiology National Convention (Boston, Massachusetts).
11. **Brewer, T., & Alworth, L. (2014).** Evaluation of newborn hearing screening information retained: does delivery method matter? Poster Presentation at the 26th annual American Academy of Audiology National Convention (Orlando, Florida).
12. **Cornell, L.A., & Goldowski, N. (2014).** Evaluation of standardized patients in an audiology curriculum. Poster Presentation at the 13<sup>th</sup> annual Association of Standardized Patient Educators Conference (Indianapolis, Indiana).
13. **Franz, A., & Alworth, L. (2014).** Evaluation of NBHS information in prenatal classes: monetary vs free registration. Poster Presentation at the 26th annual American Academy of Audiology National Convention (Orlando, Florida).
14. **Goldowski, N., & Alworth, L. (2014).** Effectiveness of standardized patients in an audiology curriculum. Poster Presentation at the 26<sup>th</sup> annual American Academy of Audiology National Convention (Orlando, Florida).
15. **Smith, C., & Alworth, L. (2014).** Evaluation of multiple bone oscillator placements on behavioral thresholds within normal hearing individuals. Poster Presentation at the 26th annual American Academy of Audiology National Convention (Orlando, Florida).
16. **Wessel, K., & Alworth, L. (2014).** Extended stay NICU hearing screening protocol survey. Poster Presentation at the 26th annual American Academy of Audiology National Convention (Orlando, Florida).
17. **Kyzer, B., Ferrell, L., Carrico, R., & Cornell, L. (2016).** Developing and implementing a hearing screening protocol for refugee population. Poster Presentation at 28<sup>th</sup> annual American Academy of Audiology National Convention (Phoenix, Arizona).
18. **Reed, O.L., Hart, C.E., & Cornell, L.A. (2016).** The utilization of the PHAST-R in assessing the validity of hearing aid skills training. Poster Presentation at the 28<sup>th</sup> annual American Academy of Audiology National Convention (Phoenix, Arizona).
19. **Wandzilak, L.J., & Cornell, L. (2016).** The effect of bone oscillator placement on threshold: does an optimal bone placement exist? Poster session presented at the 28<sup>th</sup> annual American Academy of Audiology National Convention (Phoenix, Arizona).



20. Wathen, K., **Cornell**, L., Cash, L., & Miller, S. (2017). Acceptable noise level and auditory sensory gating. Poster session presented at the 29<sup>th</sup> annual American Academy of Audiology National Convention (Indianapolis, Indiana).

### **State Presentations**

21. **Alworth**, L., Plyler, P., Schay, N., & Humphrey, B. (2009). Effects of Receiver Placement on Performance with Open Canal Hearing Aids. Poster Presentation at the 2009 TAASLP & TAA Convention (Knoxville, Tennessee).
22. **Alworth**, L., Plyler, P., Humphrey, B., & Schay, N. (2009). Effects of Receiver Placement on Placement on Occlusion and Feedback with Open Canal Hearing Aids. Poster Presentation at the 2009 TAASLP & TAA Convention (Knoxville, Tennessee). \*Poster Award\*
23. **Cornell**, L.A., & Goldowski, N. (2015). Utilizing standardized patients to evaluate confidence within an audiologic clinical skill set. Poster session presented at the 6<sup>th</sup> Biennial CSD Teaching Conference at the University of Pittsburgh (Pittsburgh, Pennsylvania).
24. **Cornell**, L.A., & Monroe, K. (2015). Red bird mission aural rehabilitation and audiologic training. Poster session presented at Kentucky Academy of Audiology Convention (Louisville, Kentucky).
25. Hart, C.E., Reed, O.L., & **Cornell**, L. (2016). Proficiency of hearing aid skills to foster patient self reliance. Poster session presented at Kentucky Speech-Language-Hearing Association Convention (Lexington, Kentucky).
26. Lenz, K., & **Cornell**, L. (2016). Assessing outcomes of standardized otoscopy training in an Au.D. program. Poster session presented at Kentucky Speech-Language-Hearing Association Convention (Lexington, Kentucky). \*Poster Award\*
27. Ross, D., & **Cornell**, L. (2016). Peer-to-peer support networks: a clinical model for audiology. Kentucky Poster session presented at Speech-Language-Hearing Association Convention (Lexington, Kentucky).
28. Stigall, H., & **Cornell**, L. (2016). Survey of humanitarian audiologists regarding sustainability and feasibility. Poster session presented at Kentucky Speech-Language-Hearing Association Convention (Lexington, Kentucky).
29. Synder, A., & **Cornell**, L. (2017). Assessing Outcomes of Standardized Otoscopy Training in an Au.D. Program Expanded. Poster session presented at Kentucky Academy of Audiology Convention (Lexington, Kentucky).
30. Carrico, E., Kieffer, T., & **Cornell**, L. (2018). Redbird Mission Project. Poster session presented at Kentucky Speech-Language-Hearing Association Convention (Lexington, Kentucky).

### **University Presentations**

31. Krauss, S., Ntama, G., Rashid, S., Companioni, M., **Cornell**, L., Ferrell, L., Kyzer, B., Carrico, R., & Bosson, R. (2016). Evaluation of a hearing screening protocol for newly arriving refugee children: University of Louisville Global Health Center. Presented at Research Louisville (Louisville, Kentucky).

### **PUBLICATIONS**

1. **Alworth, L.N.**, Plyler, P.N., Bertges, M., & Johnstone, P. (2010). The effects of receiver placement on probe microphone, performance, and subjective measures with open canal hearing instruments. *Journal of American Academy of Audiology*, 21(4), 249-266.

2. Plyler, P.N., **Alworth, L.N.**, Rossini, T., & Mapes, K. (2011). The influence of the interest level of the speech sample on the acceptance of background noise. *International Journal of Audiology*, 50, 243-248.
3. Gadre, A.K., **Alworth, L.N.**, Austin, K.L., & Tennant, P.A. (March 2013). Cochlear Implantation. In: *Atlas of Operative Otorhinolaryngology and Head and Neck Surgery Volume 2 (Chapter 31)*. London, UK: Jaypee Med.
4. Sydlowski, S.A., **Alworth, L.**, & Cunningham, D.R. (2016). Hearing Screening. In: *Textbook of Pediatric Care, Vol.2*. Elk Grove Village, IL: American Academy of Pediatrics.
5. Miller, S., Wathen, K., Cash, E., Pitts, T., & **Cornell, L.** (2018). Auditory sensory gating predicts acceptable noise level. *Hearing Research*, 359, 76-84.

## PROJECTS IN-PROGRESS

### Manuscripts in Preparation

**Cornell, L.**, Holliday, C., Plyler, P.N. & Madix, S. The effect of personality temperament on the acceptable noise level.

**Cornell, L.**, Johnstone, P.M., & Plyler, P. Horizontal localization and open-fit hearing instruments.

**Cornell, L.**, Walker, L., & Kubach, W. Newborn Hearing Screening information for Prenatal Classes: Aiming to Overcome Loss to Follow-up

**Cornell, L.**, Woodson, L., & Wandzilak, L.J. Interaural Attenuation and Degrees of Occlusion by Oscillator Placement

**Cornell, L.**, & Wessel, K. Survey: Appropriate Protocols for Hearing Screening of Extended Stay NICU Babies

### Current Research

**Cornell, L.**, & Feibelman, E. Survey: Do Adult Cancer Centers Utilize a set Ototoxic Monitoring Protocol?

Woodson, L., & **Cornell, L.** How to Implement a Hearing Conservation Program in Recreational Music Groups

**Cornell, L.**, & Conlee, C. Implementing Audiologic Care in Assisted Care Facilities: New Care Centers vs Established