ADVANCED WIRELESS PROCESSING FOR ENHANCED BINAURAL HEARING  
*Presented by Jennifer Gehlen, Au.D.*

We know that the majority of hearing impaired individuals seek amplification because of difficulty in background noise. Improvement in this area has been a long-standing challenge in hearing instrument design. To answer this challenge, Siemens introduces e2e wireless 3.0, a new series of true binaural signal processing algorithms. By providing a bi-directional digital, inter-aural audio link uniting decisions of all four microphones, Siemens is able to provide an enhanced binaural experience improving understanding in the most challenging environments.

**Learning Objectives**

After this session, participants will be able to:

1. Describe the recent advances in wireless data-sharing in hearing instruments with e2e 3.0.
2. Describe the benefits of the binaural instruments making decisions as one system.
3. Apply wireless technology and offer solutions to improve the wearer’s listening experiences in difficult listening environments.

CSI AUDIOLOGY: PEDIATRIC CASE STUDIES  
*Presented by Kari Morgenstein, Au.D. and Andrea Green, Au.D.*

Considerable challenges exist in the evaluation and management of children with hearing loss. When working with pediatric cases, it is crucial that all members of the pediatric team work together to ensure children with hearing loss are getting the services they need to reach their full potential. This presentation will review examples of evidence-based pediatric diagnostics and obstacles that are encountered by pediatric audiologists. The presentation will use a case-based format and offer participants with a unique ability to generate discussion of the complex cases presented.

**Learning Objectives**

After this session, participants will be able to:

1. Review challenging diagnostic pediatric case studies and discuss potential habilitation/rehabilitation outcomes.
2. Identify various viewpoints on the evaluation and management of the cases presented in order to generate discussion.
3. Describe the importance of translational research and reviewing objective and subjective findings when determining proper audiological management.

BENEFITS OF THE RESOUND LINX2 HEARING SYSTEM  
*Presented by Tammara Stender, Au.D.*

The ReSound LiNX2 is a new product family of small and robust devices that take Surround Sound by ReSound to the next level, while still supporting full connectivity to ReSound Unite wireless accessories. In addition, MFi capabilities allow for direct streaming connectivity from the user’s supported Apple devices. Direct connectivity to Android devices are also supported via the ReSound Smart app. This presentation will highlight the user benefits that can be attained via the entire ReSound LiNX2 hearing system.

**Learning Objectives**

After this session, participants will be able to:

1. Describe the key features of the LiNX2 product family.
2. Detail how these features translate into user benefits.
3. Define how a hearing system can fill the benefit gaps in traditional hearing aid technology alone.
ADVANCES AND APPLICATIONS OF COCHLEAR IMPLANT TECHNOLOGY
*Presented by Kellie Hibbits, Au.D.*

MED-EL Medical Electronics is a leading provider of hearing implant systems worldwide. The company was founded by Austrian scientists and industry pioneers Ingeborg and Erwin Hochmair, who together developed the world’s first microelectronic, multichannel cochlear implant in 1977. The cochlear implant was and remains the first replacement of a human sense, the sense of hearing. The technology behind cochlear implants has changed significantly since their first introduction. This discussion provides a review on the history and future of cochlear implant and related technology and how to it relates to you and your patients.

**Learning Objectives**

After this session, participants will be able to:

1. Describe the technology of cochlear implants and who is a candidate.
2. Discuss how cochlear implant candidates benefit from cochlear implants and other assistive listening devices.
3. Implement a multidisciplinary approach with cochlear implant patients.

LEGISLATIVE UPDATE – SESSION #1
*Moderated by Barry Freeman, Ph.D.*

The next two years will present significant challenges and opportunities for audiologists. On a national level, legislation is pending to permit audiologists to use our full scope of practice and see Medicare patients without physician referral. The U.S. Department of Health and Human Services and other federal agencies have created the document, HealthyPeople 2020 and are starting to work on HealthyPeople 2030 which includes many recommendations directly affecting audiology practices ranging from newborn infant screening to recommending annual hearing tests for younger populations, and programs to identify vestibular disorders and reduce fall related injuries. At State levels, 20 States have now mandated insurance companies to provide coverage for hearing aids and similar legislation may be introduced in Florida. The Institute of Medicine along with the NIDCD has been holding national workshops on affordable hearing care for adults with recommendations that could impact current and future audiology practices. These and other topics will be discussed at this session with input sought from the membership on positions and future directions for the profession and Florida audiologists. Audience participation is expected.

**Learning Objectives**

After this session, participants will be able to:

1. Discuss recommendations of HealthyHearing2020.
2. Recite facts about 18x18 legislation.
3. Explain the potential legislation impacting the profession of Audiology.

EFFICIENT AND EFFECTIVE PRE-SCHOOL HEARING SCREENING IS ESSENTIAL FOR EARLY INTERVENTION
*ABA Tier 1 Course Offering*

*Presented by James W. Hall, III, Ph.D.*

Universal newborn hearing screening doesn’t lead to universal diagnosis and intervention of hearing loss. A sizable proportion of children who fail newborn hearing screening are lost to follow up. The 2007 JCIH has identified risk indicators for permanent congenital, delayed-onset or progressive hearing loss in children. Prevalence of hearing loss in the school-age population is two to three times higher than the prevalence in infancy. Beginning with a review of research on pre-school hearing screening, this presentation offers an effective, efficient, and evidence-based strategy for hearing screening of children, especially those from age three years to school age.

**Learning Objectives**

After this session, participants will be able to:

1. Describe factors contributing to loss to follow up from universal newborn hearing screening.
2. Identify three problems with reliance on behavioral hearing screening techniques in pre-school population.
3. Describe evidence based current strategy for pre-school hearing screening.
Abstracts & Learning Objectives continued . . .

10:35 AM – 11:35 AM
Breakout Sessions

CLINICAL CONSIDERATIONS IN PEDIATRIC BAI
Presented by Andrea Green, Au.D.
Contributions by Hillary Snapp, Au.D. and Kari Morgenstein, Au.D.

This presentation will discuss the evaluation and management of children with conductive, mixed, and profound unilateral hearing loss. Intervention considerations for this population will be discussed using case examples from the University of Miami Pediatric Bone Anchored Device program. Current research, suggested protocols, and outcome measures in the pediatric population will be reviewed. A goal of this presentation is to generate discussion on current practices in bone anchored devices from a state and national perspective for children with conductive, mixed, and profound unilateral hearing loss.

Learning Objectives
After this session, participants will be able to:
1. Describe appropriate evaluation procedures for bone anchored device assessments in the pediatric population, including children with conductive, mixed, and unilateral profound hearing loss.
2. Identify pediatric candidacy considerations when selecting ideal bone anchored devices.
3. Discuss objective and subjective outcome measures in the management of this population.

FROM THE LAB TO THE CLINIC - USEFUL TIPS FOR THE CLINICIANS
Presented by Francis Kuk, Ph.D.

Over the years, ORCA-USA has been engaged in studies that not only demonstrate the efficacy of Widex products, but also how they can be used most effectively. A conclusion we have reached is that proper counseling and rehabilitation is critical. In this presentation, the results of two studies will be summarized and discussed to illustrate the key points. Specifically, we will share the results of a localization training program. We will also demonstrate that hearing aids do provide speech in noise benefits even at high input levels.

Learning Objectives
After this session, participants will be able to:
1. List two key factor in ensuring success in any training program.
2. State three factors in a modern hearing aid that could ensure aided benefits at high input levels.
3. List a feature on a hearing aid important for front back localization.

EFFICIENT AND EFFECTIVE PRE-SCHOOL HEARING SCREENING IS ESSENTIAL FOR EARLY INTERVENTION (CONTINUED)
ABA Tier 1 Course Offering
Presented by James W. Hall, III, Ph.D.

*Abstracts and learning objectives continued from earlier session.

11:45 AM – 12:45 PM
Breakout Sessions

LEGISLATIVE UPDATE – SESSION #2
Moderated by Barry Freeman, Ph.D.

*Abstracts and learning objectives continued from earlier session.

FROM THE LAB TO THE CLINIC - USEFUL TIPS FOR THE CLINICIANS (CONTINUED)
Presented by Francis Kuk, Ph.D.

*Abstracts and learning objectives continued from earlier session.

EFFICIENT AND EFFECTIVE PRE-SCHOOL HEARING SCREENING IS ESSENTIAL FOR EARLY INTERVENTION (CONTINUED)
ABA Tier 1 Course Offering
Presented by James W. Hall, III, Ph.D.

*Abstracts and learning objectives continued from earlier session.

2:00 PM – 3:00 PM
Breakout Sessions

ADULT AURAL REHABILITATION AND CONNECTIVITY
Presented by Virgi Mills, M.Ed.

Recent brain research is demonstrating that adults with hearing loss can improve listening skills whether they are using hearing aids or cochlear implants. During this session, adult aural rehabilitation resources from MED-EL’s BRIDGE program such as Hear At Home and the collection of free online listening activities called SOUNDSCAPE will be demonstrated. Strategies
Abstracts & Learning Objectives continued...

for using audio books as a tool for aural rehabilitation will also be highlighted. As aural rehabilitation can be enhanced with the use of assistive listening devices, connectivity will be discussed as well. Your clients will appreciate your support of their aural rehabilitation with these fun strategies!

**Learning Objectives**
After this session, participants will be able to:
1. List two studies re: adult aural rehabilitation.
2. Recite at least two resources for adult aural rehabilitation.
3. State two options for connectivity with listening devices.

**MARKETRAK 9: A NEW BASELINE**
*Presented by Harvey Abrams, Ph.D.*
The MarkeTrak 9 (MT9) survey was completed at the end of 2014 and represents the first MarkeTrak effort conducted online. This session will provide an overview of the survey design as well as key findings related to hearing aid adoption rates, consumer experiences with hearing difficulty, and their experiences negotiating the “patient journey.”

**Learning Objectives**
After this session, participants will be able to:
1. Identify the key design differences between MT 9 and previous MarkeTrak surveys.
2. Discuss the influence of physicians in the hearing care patient journey.
3. Discuss the major findings of MT9 related to hearing aid adoption rates, satisfaction with hearing care providers, and satisfaction with hearing aids.

4:30 PM – 6:00 PM
**Breakout Sessions**

**THE EXPANDED MANUFACTURER’S PANEL IN THE EXHIBIT HALL (PART 2)**
*Moderated by Barry Freeman, Ph.D. and Sergio Guerreiro, Au.D.*

*Abstracts and learning objectives continued from earlier session.*

Friday, August 7, 2015

9:00 AM – 10:00 AM
**Breakout Sessions**

**AUDIOLOGY AND ANAPLASTOLOGY . . . WORKING TOGETHER**
*Presented by David Trainer, CCA*

This session will introduce audiologists to the field of Anaplastology and discuss collaboration between the two professions in treating unique patient cases. Audiologists will be giving a short history of facial prosthetics, discuss the composition of new and old prosthetics and hear a novel approach for retention in auricular prosthetics. Examples of silicone prosthetics will be available to view, as well as prosthetics from different years.
Abstracts & Learning Objectives continued...

**Learning Objectives**
After this session, participants will be able to:

1. Describe the role of the audiologist in collaborating with anaplastologists.
2. List the materials used in making prosthetics.
3. Discuss the retention of auricular prosthetics.

**THE AU.D.: WHAT HAVE YOU DONE FOR ME LATELY?**
*Presented by Kristie Reeves, Au.D.*
Has the Au.D. accomplished what it was intended to accomplish? Successful or a Flop? Do we all feel that we have grown to be better Audiologists by this degree or led astray?

**Learning Objectives**
After this session, participants will be able to:

1. Recite the history of the Au.D.
2. Describe the successes of the Au.D.
3. Discuss the future of the Au.D.

10:00 AM – 11:00 AM
**Breakout Sessions**

**AUDIOLOGY AND ANAPLASTOLOGY…WORKING TOGETHER (CONTINUED)**
*Presented by David Trainer, CCA*

*Abstracts and learning objectives continued from earlier session.*

**THE EPIDEMIOLOGY OF CONGENITAL HEARING LOSS IN NEWBORNS AND YOUNG CHILDREN**
*Presented by Charles Williams, MD*

In this course, a general overview of the epidemiology of congenital hearing loss in newborns and in young children will be presented. Genetic advances in the last decade will be reviewed and an update on the current next-generation sequencing panels available for detection of the genetic basis of hearing loss will be discussed. The current status of GJB2 (Connexin-26) screening will also be reviewed. Following this, attendees will hear about the most common identifiable genetic syndromes associated with hearing loss and discuss how a clinical geneticist might take a diagnostic approach to detection of the genetic basis for the hearing loss. By attending this course, the diagnostic strategies discussed will help audiologists in advising about further evaluations or referrals for certain cases of pediatric hearing loss.

**Learning Objectives**
After this session, participants will be able to:

1. List three to five major clinical characteristics of children affected with GJB2, autosomal recessive, gene disorders.
2. Identify at least four genetic syndromes associated with genetic hearing loss in children.
3. Identify family histories consistent with these three methods of genetic transmission: autosomal recessive, autosomal dominant and multifactorial.

11:30 AM – 12:30 PM
**Breakout Sessions**

**TELE-HEALTH PRINCIPLES AND PRACTICES APPLIED IN AUDIOLOGY**
*Presented by James W. Hall, III, Ph.D.*

Interest in audiological applications of tele-health technology continues to grow. Tele-health legislation is now proposed in the state of Florida. This session offers a comprehensive and practical review of the topic including an introduction to the history of tele-health, review of ongoing research evidence that validates the quality of tele-audiology services. The role of automated procedures and technicians in provision of tele-audiology is also addressed. The session includes practical information on critical issues such as establishing relationships with collaborating distant partners, personnel training, licensure, and patient confidentiality.

**Learning Objectives**
After this session, participants will be able to:

1. Define asynchronous versus synchronous tele-health techniques.
2. List three audiology applications of tele-health.
3. Identify three advantages of tele-audiology.

**THE EPIDEMIOLOGY OF CONGENITAL HEARING LOSS IN NEWBORNS AND YOUNG CHILDREN (CONTINUED)**
*Presented by Charles Williams, MD*

*Abstracts and learning objectives continued from earlier session.*
1:30 PM – 2:30 PM
Breakout Sessions

**RECHARGE YOUR PRACTICE**  
*Presented by Barry Freeman, Ph.D.*

Patients rank rechargeable batteries in the top two most desired requests for hearing aids. This session will present the results of clinical trials with a new rechargeable silver-zinc battery module, providing audiologists the opportunity to convert new and existing hearing aids and make them rechargeable. The battery powers wireless hearing aids for a full day; has no effect on the firmware or electroacoustics; resolves the vision and dexterity concerns of patients; and, because it is recyclable and only is replaced once per year, is a benefit to the environment. Rechargeable products will create “patients for life” for clinical practices.

**Learning Objectives**
After this session, participants will be able to:
1. Describe the value of rechargeable technology for individuals with hearing loss.
2. Discuss the value of differentiating the practice.
3. Discuss the value of rechargeable versus disposable batteries.

**MEDICAL ERRORS FOR AUDIOLOGISTS TO AVOID**  
*Presented by James W. Hall, III, Ph.D.*

This presentation, developed specifically for audiologists, begins with a definition and overview of the problem of medical errors. Next, examples of medical errors in audiology are identified. Then, individual and system related factors contributing to the occurrence of the errors are reviewed. The presentation concludes with a summary of steps that can be taken by individual audiologists to reduce medical errors in the health care setting. The presentation stresses the importance of prevention of medical errors to patient safety and quality of health care. Audience participation will be strongly encouraged.

**Learning Objectives**
After this session, participants will be able to:
1. Identify factors contributing to the occurrence of medical errors, including root causes.
2. List situations in which errors are more likely.
3. Identify processes for improvement of patient outcome.

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2:30 PM – 3:30 PM
Breakout Sessions

**HEARING LOOPS AND PILLAR-OF-THE-COMMUNITY MARKETING**  
ABA Tier 1 Course Offering  
*Presented by Juliette Sterkens, Au.D.*

Make hearing loop advocacy part of your “Pillar-of-the-Community” marketing strategy to set yourself apart from the “big box” retailers and other competition. Hearing loops enhance the quality of life for hearing aid users and will result in happier patients. Learn how to effectively advocate for hearing loop installations in churches and public places, how to get your patients involved, how to program T-coils with settings that meet your clients’ individual needs, and find out how you and your practice will benefit in the process.

**Learning Objectives**
After this session, participants will be able to:
1. Explain how properly specify T-coils when ordering hearing instruments and how to optimally customize the T-coils program for hearing loop use needs.
2. Describe the IEC Hearing Loop standard and how to vet a loop installer.
3. List at least three steps of a hearing loop marketing program and describe how to implement them.

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**MEDICAL ERRORS FOR AUDIOLOGISTS TO AVOID (CONTINUED)**  
*Presented by James W. Hall, III, Ph.D.*

*Abstracts and learning objectives continued from earlier session.

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4:00 PM – 5:30 PM
Breakout Session

**COCHLEAR IMPLANT CANDIDACY, MEASUREMENTS, AND OUTCOMES: A FAMILY CASE STUDY**  
*Presented by Sandra Velandia, Au. D., FAAA, CCC-A and Diane Martinez, Au.D., FAAA*

Cochlear implantation is no longer clearly defined by exact criteria. Over the last seven years, candidacy criteria have expanded to incorporate varying configurations and degrees of hearing loss and non-traditional aspects such as age at implantation. The presentation consists of a review of six severe to profound hearing-impaired children of the same family.
Abstracts & Learning Objectives continued . . .

Children are age two to 13 years old who received Cochlear Corporation’s Contour and CI422 electrode arrays at the University of Miami Ear Institute between 2010-2014. Analysis involves a case history review, decision to implant, methods of programming, hearing and speech perception results, and language development outcomes.

Learning Objectives
After this session, participants will be able to:
1. Discuss evolving cochlear implant candidacy criteria and expected outcomes or realistic expectations.
2. Discuss objective programming methods.
3. Contrast outcomes according to age of implantation.

4:00 PM – 6:00 PM
Breakout Session

HEARING LOOPS AND PILLAR-OF-THE-COMMUNITY MARKETING (CONTINUED)
ABA Tier 1 Course Offering
Presented by Juliette Sterkens, Au.D.

*Abstracts and learning objectives continued from earlier session.

5:00 PM – 6:00 PM
Breakout Session

THE BABY BOOMERS ARE COMING: UNDERSTANDING THE ROLE AND UTILIZATION OF AUDIOLOGY ASSISTANTS
Presented by Julia Andrews, Au.D.

The gap between the number of audiologists and the number of people requiring audiological services continues to grow each year. This presentation will provide an overview of the growing need for audiology assistants, the historical utilization of audiology assistants, and the state regulations governing their practice. Presenters will explore the many facets of assistant utilization to include current and future scope of practice, billing procedures, education, and impact on practice growth and patient satisfaction.
1. Describe the current need for audiology assistants.
2. Identify current state regulations for audiology assistants.
3. List services audiology assistants can provide that would increase practice revenue.

Main Conference Programming Concludes

Saturday, August 8, 2015

9:40 AM – 12:40 PM
POST CONFERENCE COURSE – FREE to Attend!
Sponsored by Widex

EASY TIPS AND TRICKS FOR SUCCESSFUL WIDEX DREAM FITTINGS
Presented by Lesley Ericsson, Au.D., Professional Education Manager, Widex USA and Susan DeBondt, Au.D., Professional Education Manager, Widex USA

This course is designed to enhance the product selection, programming and troubleshooting skills of audiologists already using Widex products as well as those new to Widex. Information will also include fitting techniques for the newest additions to the Dream family: CROS, CIC-micro and Fashion Power.

Learning Objectives
After this session, participants will be able to:
1. Select the most appropriate style, accessory and level of technology for patients with specific communication challenges.
2. Identify three troubleshooting resources located within Widex Compass GPS.
3. Choose five Widex wireless accessories that maximize speed of fitting for the audiologist and ease of use for the patient.

1:00 PM – 5:00 PM
POST CONFERENCE COURSE – FREE to Attend!
Sponsored by Tele-Acoustics

FITTING AND VERIFICATION OF MODERN HEARING DEVICES: STRATEGIES FOR IMPROVED PATIENT OUTCOMES AND COMPETITIVE DIFFERENTIATION
Presented by John Pumford, Au.D., Director of Audiology and Education, Audioscan

Hearing instrument technology is rapidly evolving – so too must the dispensing professional. Connectivity (between hearing devices, phones, other audio devices, wearables, etc.) is the latest means by which hearing
instrument manufacturers are enhancing their product value and relevance. By applying the simple, yet powerful verification tools available in modern fitting systems, clinicians can effectively utilize the latest hearing instrument technologies and build their professional value and relevance throughout the fitting process.

Through demonstrations and experience with the Audioscan Verifit2, attendees will learn how to leverage modern hearing instrument capabilities as an extension of their professional care, rather than as mere product features. The verification strategies described in this session can be used to provide a level of long-term patient value and satisfaction that technology alone cannot deliver. The approaches described serve to shift the emphasis away from hearing instrument features, and toward the added-value expertise and knowledge of the provider as the “communication improvement expert.”

**Learning Objectives**

After this session, participants will be able to:

1. Describe verification strategies to provide long-term patient value.
2. List verification tools available in modern fitting systems.

Our most advanced, full line of standard and custom wireless products, the 3 Series family enables unprecedented personalization and delivers the simplicity and dependability that help ensure patient satisfaction.

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