



# Updated Pediatric Audiology Learning Opportunities in 2014, “Navigating EHDI from Home”

*Karen M. Ditty, Au.D.*

National Center for Hearing  
Assessment & Management  
NCHAM





## NCHAM (ÑNCHĂM)

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- NCHAM is a multidisciplinary center focused on the implementation and improvement of comprehensive and effective Early Hearing Detection and Intervention (EHDI) systems.
- NCHAM collaborates with key agencies & organizations, conducts research and serves as the National Resource Center for EHDI.
- [www.infanthearing.org](http://www.infanthearing.org)



# NCHAM

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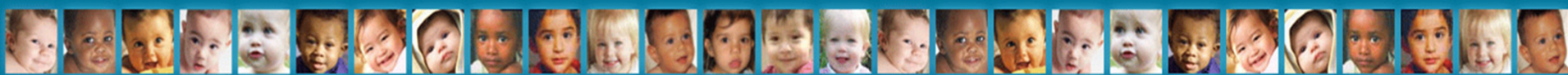
GOAL: Ensure all infants and toddlers with hearing loss are identified as early as possible and provided with timely and appropriate audiological, education, and medical intervention.

Funding for the National Resource Center for EHDI comes from the Maternal and Child Health Bureau

Web site address is: [www.infanthearing.org](http://www.infanthearing.org)

((( [infanthearing.org](http://infanthearing.org)





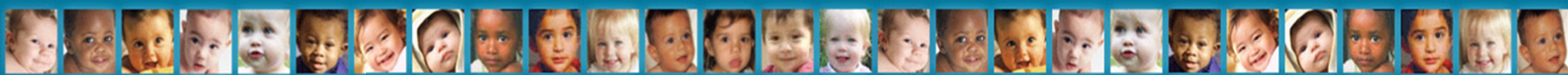
# We are a team in EHDI

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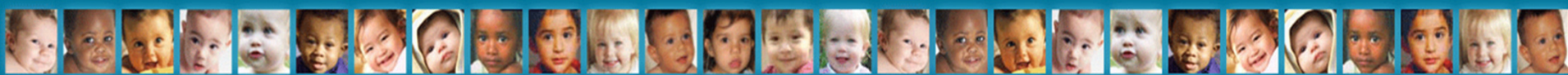
# What learning opportunities are available for Pediatric Audiology?

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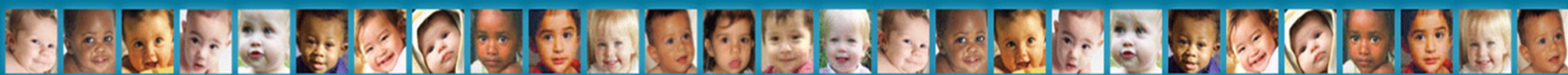




# Are opportunities available for Pediatric Audiologists sitting at home?



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# Learn about Hearing Loss in Children

<http://www.cdc.gov/ncbddd/hearingloss/index.html>

A-Z Index [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#) <#>

## Hearing Loss in Children

Hearing loss can affect a child's ability to develop communication, language, and social skills. The earlier children with hearing loss start getting services, the more likely they are to reach their full potential. If you are a parent and you suspect your child has hearing loss, trust your instincts and speak with your child's doctor. Don't wait!

**Amy's Story**  
Mother of twins who both have hearing loss.

[Learn More >](#)



- [Email page link](#)
  - [Print page](#)
  - [Get email updates](#)
  - [Subscribe to RSS](#)
  - [Listen to audio/Pod](#)
- View page in:**  
[Español \(Spanish\)](#)

### Hearing Loss Topics



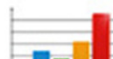
**Basics**  
Facts, causes, and prevention.



**Screening and Diagnosis**  
Hearing screening and full hearing test.



**Treatments**  
Types of treatment and intervention services.



**Data and Statistics**  
Data and statistics highlights.



### CDC Tweets

Susanna Visser

**#Disabilities** can affect people in different ways. Get engaged, learn how: <http://t.co/I6kNNLKyHK>  
**#CutRisks #CDCdisability**



### CDC Facebook Posts

### Contact Us:

Centers for Disease Control and Prevention

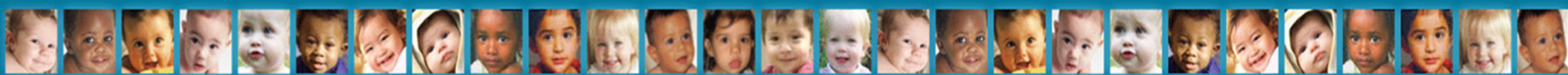
National Center on Birth Defects and Developmental Disabilities

Hearing Loss Team

1600 Clifton Road  
MS E-87  
Atlanta, GA 30333

800-CDC-INFO





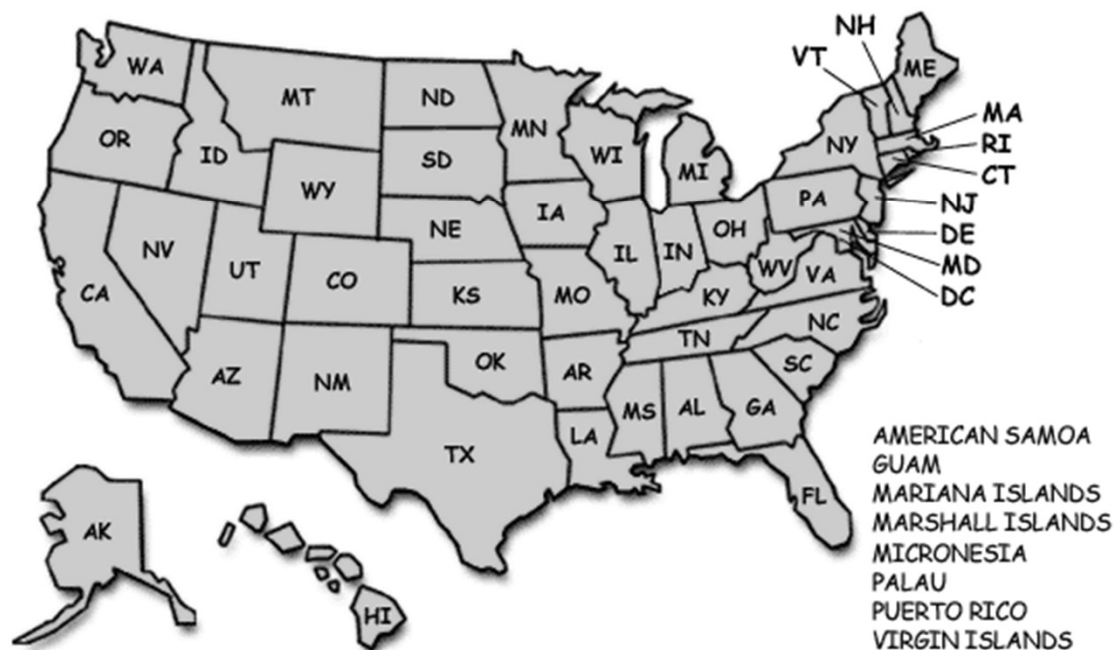
# Learn about your State EHDI Program

<http://www.infanthearing.org/states/index.html>

The "State" of Early Hearing Detection & Intervention in the United States

To find a state's EHDI summary click on that state on the map below.

[\(Skip to Text Links\)](#)



((( [infanthearing.org](http://www.infanthearing.org)









## Enacted Hearing Aid Legislation

State	Age Limits	Amount Covered	Hearing Aid Coverage	Comments
<a href="#">Arkansas [PDF]</a>	No limits mentioned	\$1,400	1 Hearing Aid/Ear Once Every 3 Years	
<a href="#">Colorado [PDF]</a>	Under 18 years	No limit	1 Hearing Aid/Ear Once Every 5 Years or changes in hearing	Includes language for services, supplies, and therapy
<a href="#">Connecticut [PDF]</a>	12 years and under	\$1,000	1 Hearing Aid/Ear Once Every 2 Years	
<a href="#">Delaware [PDF]</a>	24 years and under	\$1,000	1 Hearing Aid/Ear Once Every 3 Years	
<a href="#">Kentucky [PDF]</a>	Under 18 years	\$1,400	1 Hearing Aid/Ear Once Every 3 Years	
<a href="#">Louisiana [PDF]</a>	Under 18 years	\$1,400	1 Hearing Aid/Ear Once Every 3 Years	
<a href="#">Maine [PDF]</a>	Under 18 years	\$1,400	1 Hearing Aid/Ear Once Every 3 Years	



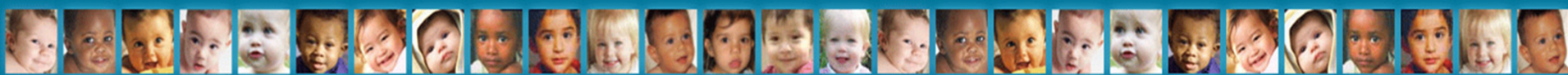
# Hearing Aid Legislation

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## What Can You Do?

Please contact and urge your State Senator and Representative to co-sponsor and support the hearing aid legislation!

- [Advocacy Points \[PDF\]](#)
- [Effectively communicating with your lawmakers \[PDF\]](#)
- [Sample form letter for concerned citizen \[PDF\]](#)
- [Sample form letter for parents \[PDF\]](#)
- [Talking points for parents \[PDF\]](#)
- [Talking points about hearing loss and hearing aids \[PDF\]](#)



## EHDI starts with screening!

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- Interactive Web Based Newborn Hearing Screening Training Curriculum (NBHSTC)
  - <http://www.infanthearing.org/nhstc/index.html>





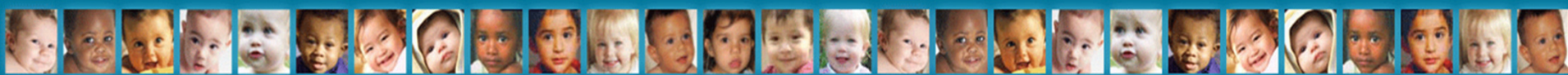
## Interactive Web Based Newborn Hearing Screening Training Curriculum

This curriculum was developed to standardize the way screeners are trained and to improve the quality of care for newborn hearing screening and follow-up. It will give screeners and stakeholders an understanding of the comprehensive nature of a quality program and provide the necessary foundation and tools to do a thorough job in their role.

With the interactive course, screeners have the ability to easily access the curriculum on the web and to learn at their own pace. It has been updated to provide adult learning activities and to check knowledge gained going through the course. In addition, there are a number of related resources, and supplemental materials and links; for example, screeners who may want to learn more about their specific state EHDI Program can click on a link that will take them directly to their state EHDI profile. There are also updated scripts for screeners to use when communicating with parents in English and Spanish, etc.

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# Jeanne Hollabaugh on Parent Communication

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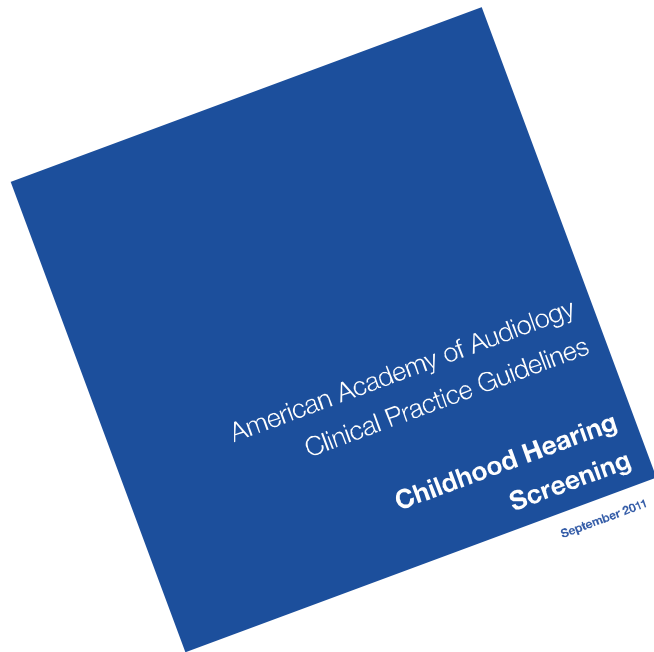


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# It continues with Pediatric Audiology Position statements

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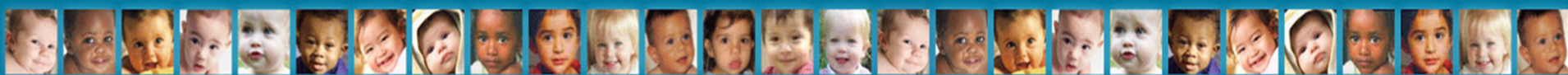
AMERICAN ACADEMY OF AU  
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*Audiologic Guidelines for the Assessment of Hearing in Infants and  
Young Children*  
August 2012



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# Location of Position Statements: American Academy of Audiology

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## Document Library

The American Academy of Audiology's *Bylaws*, *Code of Ethics*, *Preferred Futures* (strategic plan), position statements, guidelines, reports, *Scope of Practice*, and *Standards of Practice* are key strategic documents essential to the Academy and the audiology profession. This area includes these resources and more, organized by topic.

To find information, simply click on the broad topic below for a list of related resources and links.

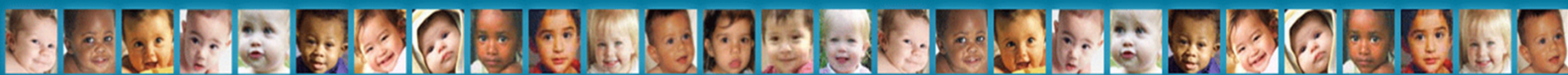
- Adult Diagnostics
- Adult Rehabilitation & Hearing Aids
- Aging Issues
- Central Auditory Processing Disorder (CAPD)
- Classroom Acoustics
- Education
- Hearing Assistance Technologies
- Hearing Conservation
- Humanitarian Issues
- Infant Identification
- Pediatric Diagnostics
- Pediatric Rehabilitation & Hearing Aids
- Presbycusis
- Professional Issues
- Ototoxicity Monitoring
- Tinnitus
- Vestibular

<http://www.audiology.org/resources/documentlibrary/Pages/default.aspx>

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# Location of Position Statements: American Speech/Language/Hearing Association

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## For Audiologists

ASHA's Practice Portal is currently in beta or trial mode. We have a limited number of clinical topics and professional issues available and will be adding more as topics are developed.

### Currently available

- Audiology Assistants
- Superior Canal Dehiscence

### Coming in April

- Permanent Childhood Hearing Loss
- Telepractice
- Unbundling Audiology Services

### Anticipated in 2013

- Auditory Processing Disorders
- Amplification—Adults
- Bilingual Service Delivery
- Cultural Competence
- Dementia
- Infant Screening
- Sensorineural Hearing Loss
- TBI

Don't see what you are looking for? See also [ASHA's Practice Considerations for Dispensing Audiologists](#) and [ASHA's A-Z Topic Index](#).

((( [infanthearing.org](http://infanthearing.org)

<http://www.asha.org/Practice-Portal/Audiologists/>





# Joint Committee on Infant Hearing – Position statement for 2007 (JCIH.org)

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- Promotes a standard of care in Pediatric Audiology

**Supplement to the JCIH 2007 Position Statement: Principles and Guidelines for Early Intervention After Confirmation That a Child Is Deaf or Hard of Hearing**

JOINT COMMITTEE ON INFANT HEARING, Carianne Muse, Judy Harrison, Christine Yoshinaga-Itano, Alison Grimes, Patrick E. Brookhouser, Stephen Epstein, Craig Buchman, Albert Mehl, Betty Vohr, Mary Pat Moeller, Patti Martin, Beth S. Benedict, Bobbie Scoggins, Jodee Crace, Michelle King, Alice Sette and Beth Martin

*Pediatrics*; originally published online March 25, 2013;

DOI: 10.1542/peds.2013-0008

<http://pediatrics.aappublications.org/content/early/2013/03/18/peds.2013-0008.citation>

((( [infanthearing.org](http://infanthearing.org)





## Newest Document from JCIH

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# PEDIATRICS<sup>®</sup>

OFFICIAL JOURNAL OF THE AMERICAN ACADEMY OF PEDIATRICS

### **Supplement to the JCIH 2007 Position Statement: Principles and Guidelines for Early Intervention After Confirmation That a Child Is Deaf or Hard of Hearing**

<http://pediatrics.aappublications.org/content/131/4/e1324.full.pdf+html?sid=27db6ff2-dbbb-40ef-a749-ecc919da3a56>

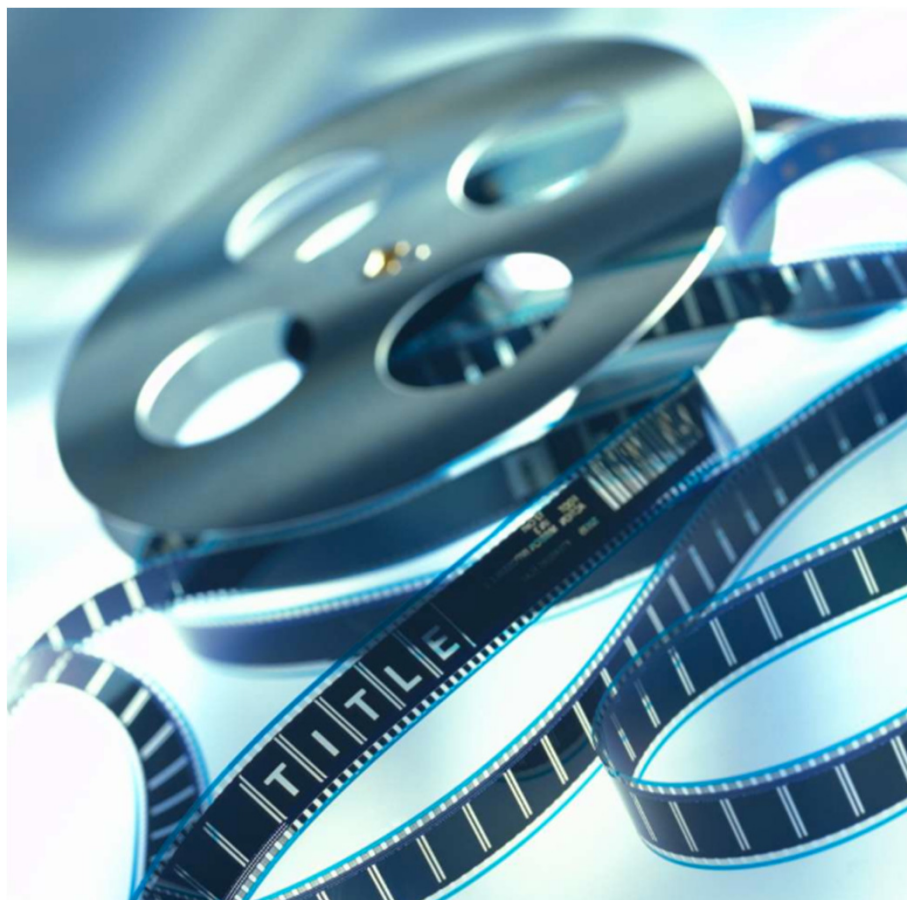
((( [infanthearing.org](http://infanthearing.org)





# Pediatric Audiology Specific Training

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((( [infanthearing.org](http://infanthearing.org)





# Diagnosics & Amplification for Infants and Toddlers

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## 2013

- Arizona

## 2012

- Idaho

## 2011

- Pennsylvania

## 2010

- Puerto Rico
- Michigan

## 2009

- California

## 2008

- Mesa, AZ
- Charlotte, NC

## 2006

- San Francisco, CA
- Illinois - *Session 1*
- Illinois - *Session 2*
- Illinois - *Full Session*
- Redondo Beach, CA
- Columbus, OH
- Tuscon, AZ

## 2005

- Atlanta, GA
- Minneapolis, MN
- San Mateo, CA
- Harrisonburg, VA
- Albuquerque, NM
- New Orleans, LA

## 2004

- Redondo Beach, CA
- San Mateo, CA
- Philadelphia, PA
- Boise, ID
- Redondo Beach, CA
- Boston, MA
- Salt Lake City, UT

## 2003

- Chicago, IL
- Oakland, CA
- Redondo Beach, CA
- San Diego, CA
- Iowa

## 2002

- Florida



## Pediatric Audiology: Evaluating the hearing of infants and toddlers

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- Idaho Department of Health and NCHAM working collaboratively to provide another audiology workshop for training pediatric audiologists
  - Coeur d'Alene, Idaho
  - June 13 and 14<sup>th</sup>, 2014
  - 5 week online classes begin MAY 5<sup>th</sup>
  - Idaho is offering scholarships and 1 day hotel expenses for first students to sign on



## Coeur d'Alene, Idaho workshop

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*Dr. Diane Sabo will discuss:*

- *Evaluating the hearing of infants and toddlers.*
- Electrophysiological and Electroacoustical procedures for infant Auditory Assessment.
- Behavioral assessment of infants & children.
- Hands on training with equipment provided by manufactures of the equipment
- And much more:





# Videos of Audiological Assessment of Infants and Toddlers

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## Dr. James Hall

- A Big Picture 1 hr. 30 min.
- Electro-acoustic procedures 1 hr. 28 min.
- Frequency specific (Tone Bursts) 1 hr. 28 min.
- Enhancing Accuracy while Decreasing Test Time 1 hr. 30 min.
- Auditory Neuropathy Spectrum Disorder 38 min.

## Lee VanMiddlesworth

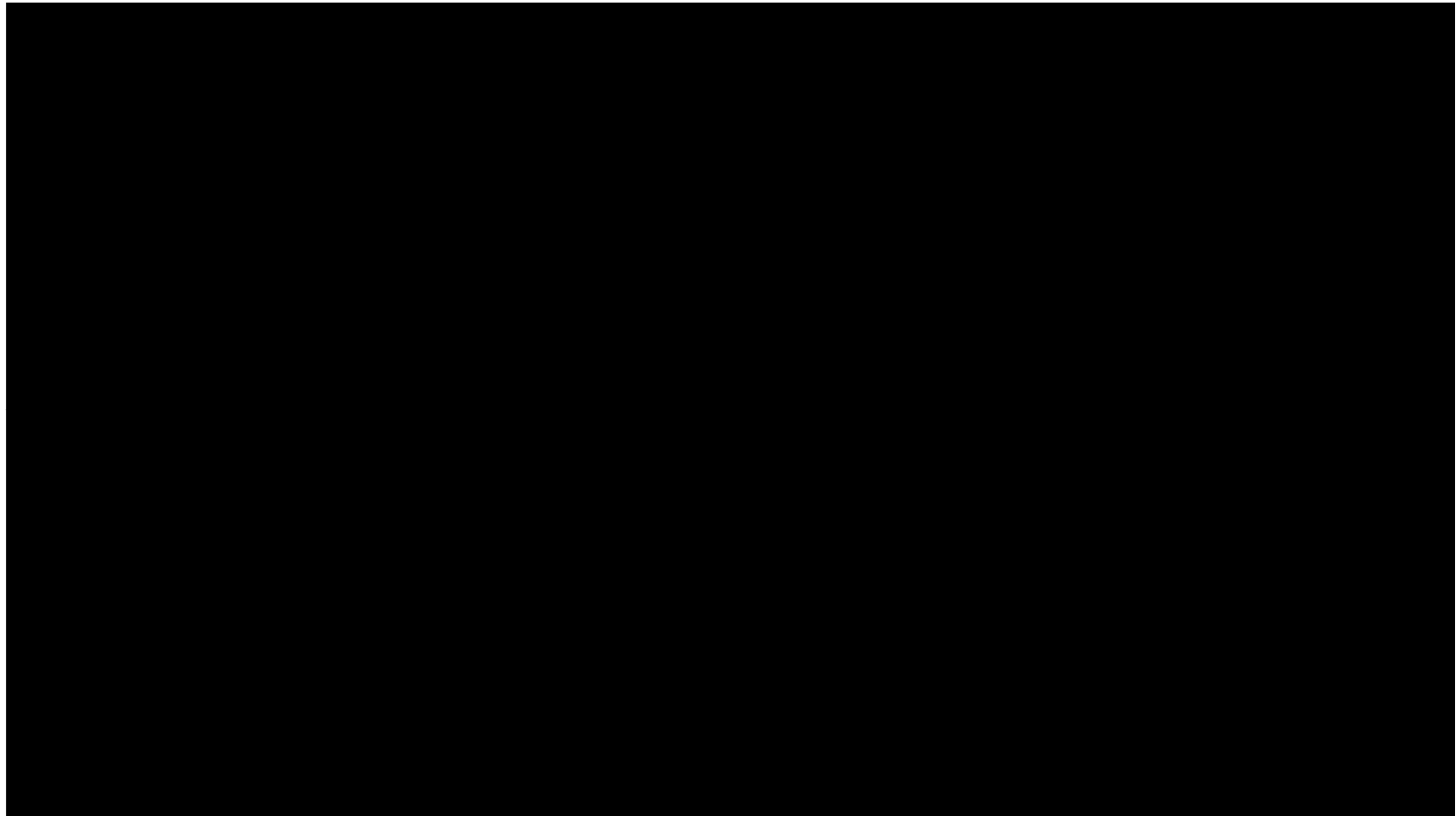
- Otoacoustic Emissions-Pediatric Audiology Settings 1 hr. 6 min.





# Web Based Training to Improve Diagnostic Skills and Amplification

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((( [infanthearing.org](http://infanthearing.org)





# Workshops

- [Newborn Hearing Screening Training Curriculum](#)
- [Addressing Privacy Regulations](#)
- [Position Statements](#)
- [EHDI/UNHS FAQ](#)
- [Slideshow Presentations](#)
- [Educational & Training Videos](#)
- [NCHAM Materials](#)
- [EHDI Implementation in Latin America](#)
- [EHDI E-Book](#)
- [Telehealth](#)
  - [Tele-intervention Guide](#)
  - [TeleAudiology Guide](#)
- [EHDI Web Resource Guide](#)
- [Upcoming Events](#)
- [Upcoming Meetings and Conferences](#)
- [NCHAM Workshops](#)
- [Links](#)

## Other e-Learning Materials

- [EHDI-Related Webinars](#)

## NCHAM Workshops

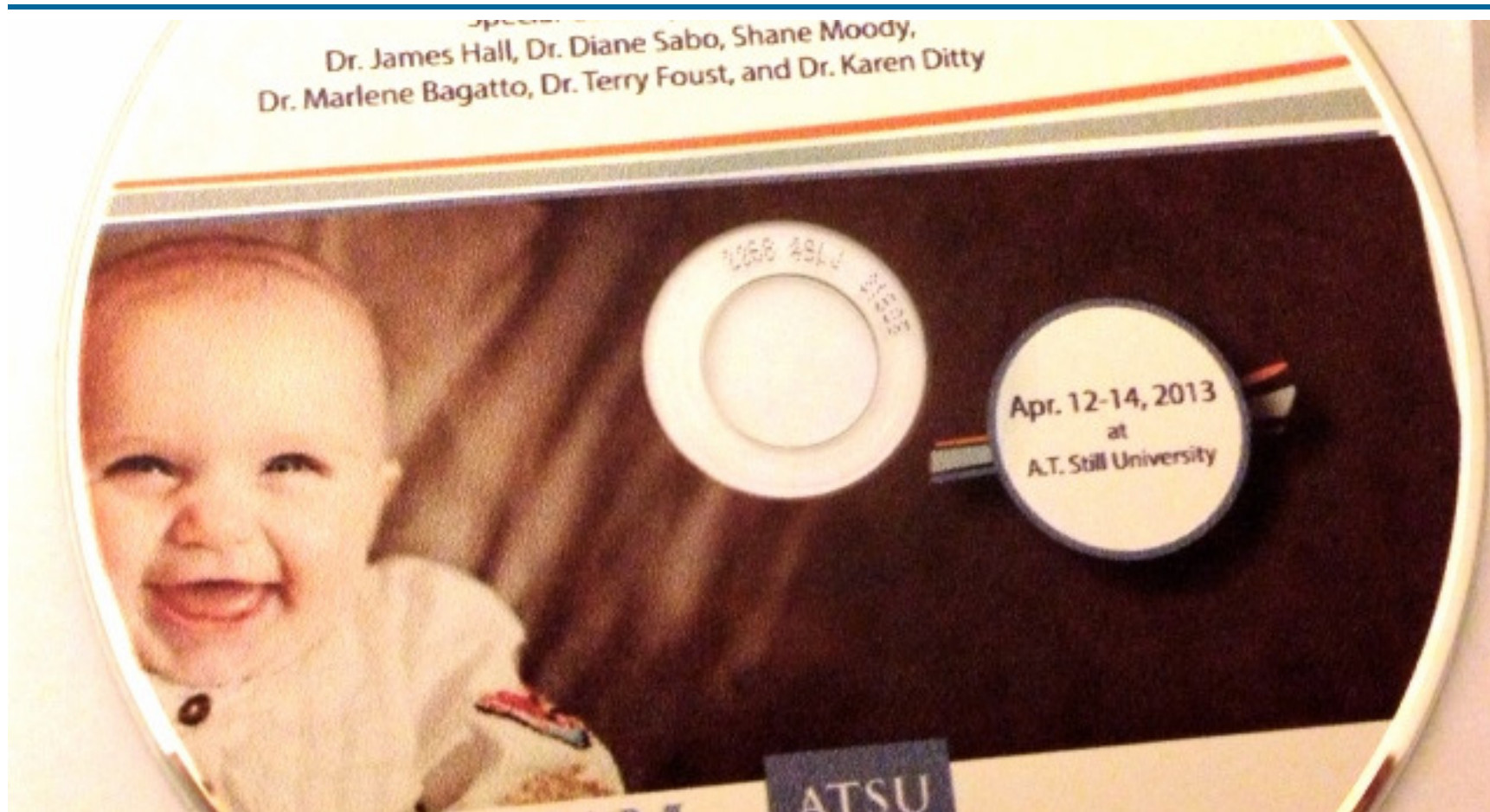
The National Center for Hearing Assessment and Management (NCHAM) announces an opportunity for you to enhance your knowledge and skills in Early Hearing Detection & Intervention.

You must be a registered participant to enter a workshop. Most workshop entrances require both a **username** and **password**. (Remember to enter username and password in lowercase characters.)

In Session	Registrations
<p><b>Workshops</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Parent Training and Support</a> <ul style="list-style-type: none"> <li>◦ <i>Description:</i> Offers recorded instruction in four segments at no charge for anyone interested in learning about counseling skills that support parents' ability to effectively integrate intervention recommendations into their daily lives.</li> <li>◦ <i>Presenters:</i> Karen Muñoz, Michael Twohig, Kristina Blaiser, and Lauri Nelson, from Utah State University</li> <li>◦ <i>CEUs:</i> Available for a limited time from ASHA (0.45), AAA (0.5), and AG Bell (0.5); a certificate of completion is also available.</li> <li>◦ <i>Instructional Level:</i> Intermediate           <ul style="list-style-type: none"> <li>▪ <a href="#">Access Parent Training and Support Workshop With CEUs and Certificate of Completion</a></li> <li>▪ <a href="#">Access Parent Training and Support</a></li> </ul> </li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Diagnostic Audiology Webinar: Behavioral Audiological Assessment of Infants and Toddlers By Dr. Diane Sabo</a> <ul style="list-style-type: none"> <li>◦ <a href="#">Register</a></li> </ul> </li> </ul>



# Arizona Audiology Workshop 2013



((( [infanthearing.org](http://infanthearing.org)





# CD OUTLINE

- Diagnostic Auditory Assessment and Amplification for Infants and Toddlers: Agenda [\[PDF\]](#)

## Amplification

- FM Amplification Instruments for Infants and Preschool Children With Hearing Impairment [\[PDF\]](#)
- HAT Guideline [\[PDF\]](#)
- Pediatric Amplification Protocol [\[PDF\]](#)
- Beyond Matching Targets: An Approach to Outcome Evaluation in Pediatric Hearing Aid Fitting [\[PDF\]](#)
- Philly Clinical Implementation of DSL [\[PDF\]](#)
- Application of The University of Western Ontario Pediatric Audiological Monitoring Protocol (UWO PedAMP) [\[PDF\]](#)

## ANSD

- Developing a Treatment Program for Children with Auditory Neuropathy [\[PDF\]](#)
- Audiologic Management of Auditory Neuropathy Spectrum Disorder in Children: A Systematic Review of the Literature [\[PDF\]](#)

## CAPD

- Dx Treatment & Management of Children & Adults with CAPD [\[PDF\]](#)

## Classroom Acoustics

- Estimating Classroom Noise Effects [\[PDF\]](#)
- Listening to Learn in a Sea of Noise [\[PDF\]](#)
- Speech Audibility Audiogram for Classroom Listening Form [\[PDF\]](#)





## New educational videos available:

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### Audiological Assessment and Amplification of Infants and Toddlers

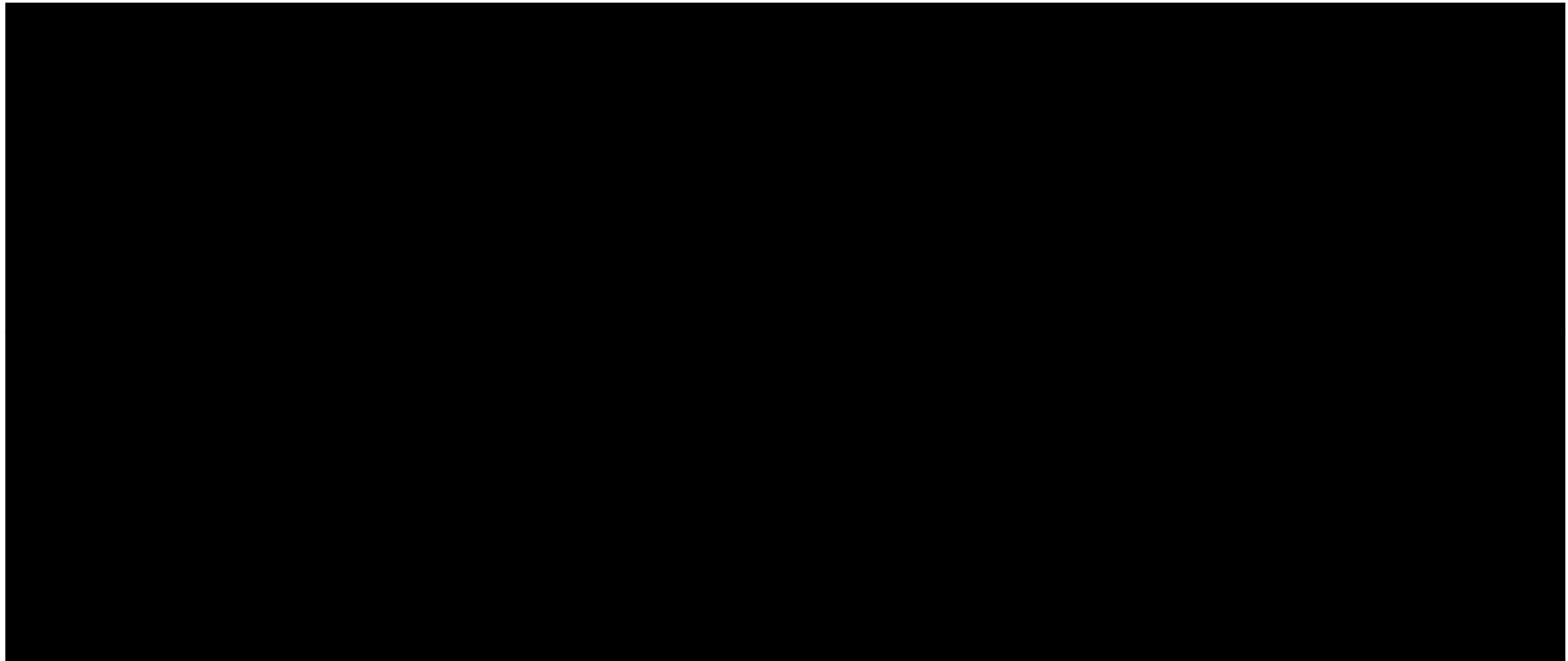
- Available videos include:
    - *Behavioral Testing*
    - *Informational & Adjustment Counseling for Audiologists*
    - Cochlear Implant Overview in Young Children
- By: Dr. Diane Sabo*





# SABO Presentation

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((( [infanthearing.org](http://infanthearing.org)





# Live Webinars

The screenshot displays a webinar interface with several components:

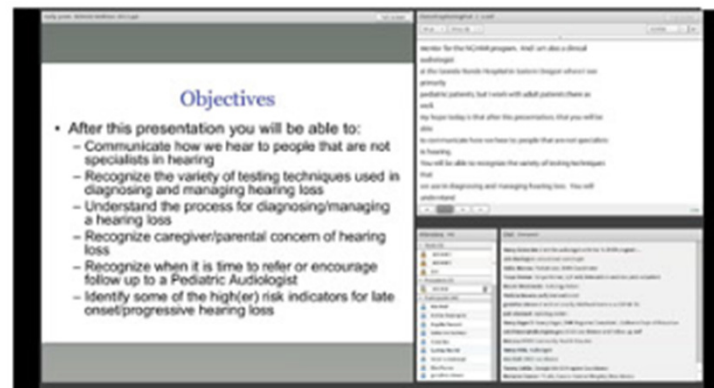
- Video:** A live video feed of a woman with dark hair, identified as 'ds', speaking.
- Attendees (29):** A list of participants including:
  - Hosts (2): NCHAM Utah State University (two instances).
  - Presenters (1): Cindy Hinds, Captioner.
  - Participants (26): Andrea Hawkins, Bernadette Tivenan, Crista Duncan, Dinah Beams, ds, Elizabeth Kolberg.
- Chat 3 (Everyone):** A chat window containing a link: [http://infanthearing.org/flashplayer/hd\\_videos.htm?file=http://www.infanthearing.org/flashvideos/2013-az-diagnostics/Diane-Sabo2.mp4](http://infanthearing.org/flashplayer/hd_videos.htm?file=http://www.infanthearing.org/flashvideos/2013-az-diagnostics/Diane-Sabo2.mp4).
- Web Links 2:** A list of links:
  - Post-Webinar Quiz
  - Learner Outcomes Survey
  - Overall Evaluation Survey
  - Webinar Live Captioning
- Chat (Everyone):** A chat window with messages:
  - Kristie: lost audi
  - Karin Ross: lost audio
  - Bernadette Tivenan: lost sound
  - Elizabeth Kolberg: I can't hear her
  - Susie Teres: start back at bone conduction testing, please
  - Kristie: yes
  - Jessica Clark: yes
  - Nancy Schneider is typing...
- Slide:** A presentation slide titled "Behavioral Bone-conduction Thresholds for Infants with normal Hearing" by HULECKI & SMALL 2011. It includes the website [infanthearing.org](http://infanthearing.org) and the NCHAM logo.



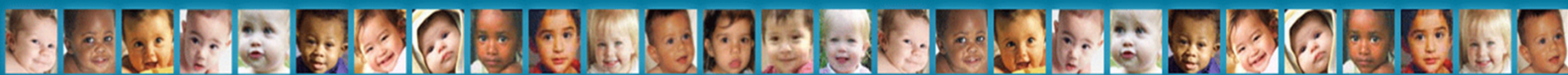
# Other EHDI related Webinars

## EHDI-Related Webinars

- Behavioral Audiological Assessment of Infants and Toddlers
  1. [Original Presentation Video](#)
  2. [Diane Sabo Commentary](#)
    - [Transcript \[PDF\]](#)
  3. [Contact Karen Ditty](#) for webinar-related links after you've watched both of the videos. CEUs are available until April 8th, 2014.
- [Electrophysiological Procedures for Infant Auditory Assessment: "The Big Picture" By Dr. James Hall](#)
  - [Big Picture Webinar Slides, by Jay Hall \[PDF\]](#)
  - ["The Big Picture" Transcript \[PDF\]](#)
  - ["The Big Picture" Information Page](#)
- [HRSA Webinars](#)
  - [FOA HRSA-14-104 \[PDF\]](#)
  - [FOA HRSA-14-006](#)
    - [Recording of November 7, 2013 Webinar](#)
    - [Recording of November 15, 2013 Webinar](#)







# Early Childhood Hearing Screening & Follow-up Training



## Early Childhood Hearing Screening & Follow-up

[ECHO Home Page & Menu](#)

[Contact Us](#)



[View a New Message from the ECHO Initiative!](#)

### OAE Program Development Steps

1. [Get Started & Implement](#)

2. [Use Screening Results to Promote School Readiness](#)

The Early Childhood Hearing Outreach (ECHO) Initiative is part of the National Center for Hearing Assessment and Management at Utah State University. The ECHO Initiative focuses on extending the benefit of periodic hearing screening to children 0 – 3 years of age in a variety of health and education settings. We also serve Early Head Start programs as the National Resource Center on Early Hearing Detection and Intervention.

Our goals are to ensure early childhood education and health care providers have:

- ◆ Up-to-date information about recommended Otoacoustic Emissions (OAE) hearing screening practices;
- ◆ Tools to effectively implement OAE screening so that children with hearing health needs are identified as early as possible and provided with appropriate follow-up services and support; and
- ◆ Strategies for using hearing screening as an opportunity to promote receptive communication and language development in all children as an integral part of school readiness.

Read a brief [description about OAE screening \[PDF\]](#)

Watch a one-minute [video demonstrating OAE screening](#)

Watch a five-minute [video explaining how OAE screening relates to Head Start](#)

((( [infanthearing.org](http://infanthearing.org)





# ECHO

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# Resource guides

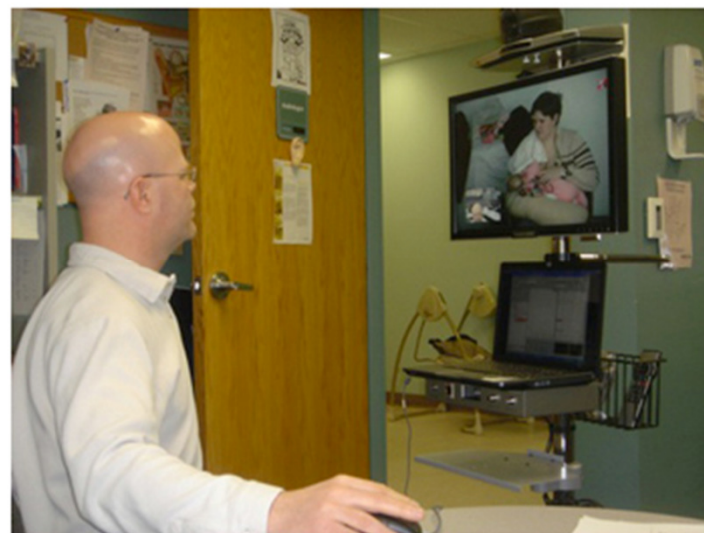
## Timely Diagnosis: A Resource Guide Supporting TeleAudiology

### I. Introduction

Early Hearing Detection and Intervention (EHDI) systems work to ensure that infants are screened by 1 month of age, diagnosed by 3 months of age, and connected with early intervention services by 6 months of age – known as the 1-3-6 goal. Unfortunately, almost half of infants who do not pass their newborn hearing screening are “lost to follow up”, often due to the difficulty in accessing an audiologist with the needed pediatric expertise. This is particularly a challenge for families who live in rural and remote areas, hours from a pediatric audiologist.

#### **Role of Tele-Audiology**

Tele-audiology (T-A)- the implementation of audiological services via telehealth technologies –has great potential to ensure that infants who are in need of diagnostic audiology services can receive them in a timely manner.





# Tele-audiology resource guide

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- Provides a toolkit to share lessons learned and recommendations for conducting remote diagnostic audiological evaluations with infants
- Based on experiences of professionals in 6 states and 1 Canadian province
- Serves as a catalyst to ensure EHDI systems meet the needs of their infants and their families



## Additional videos to come:

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- University of Western Ontario Audiological monitoring protocol for Validation of hearing aid fitting
- Validation / Evaluating hearing status with Applications available for the Audiologist  
By Dr. Marlene Bagatto





## Additional videos to come:

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- *Understanding the Verification Process: A practical demonstration of the Desired Sensation Level (DSL0 methodology Implementation on the Verifit system. )*
- *Development and Evolution of the DSL Method*  
By: Shane Moodie M.Cl.Sc.



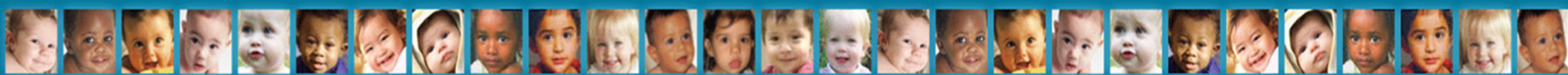


# Audiological Web training on NCHAM

## [www.infanthearing.org](http://www.infanthearing.org)

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- **Presentation Videos**
- [Current FM technology and Applications Across Pediatric Age Ranges \(55 minutes\)](#)
- [Overview of HAT Guidelines \(38 minutes\)](#)
- [FM Verification Guidelines \(28 minutes\)](#)
- [FM Verification Demonstration and Practice \(27 minutes\)](#)
- [Behavioral Verification \(41 minutes\)](#)



# Previously Presented Power Points

<http://www.infanthearing.org/slideshows/index.html>

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## PowerPoint Presentations related to EHDI/UNHS from Recent Workshops and Conferences

NCHAM Staff and other experts have prepared a variety of materials that can be used in making presentations about EHDI. This section contains copies of various PowerPoint presentations and information about how to obtain videos that may be useful for training, conferences and public awareness activities. Any of the PowerPoint presentations can be downloaded and used "as is" or adapted to fit your particular situation.

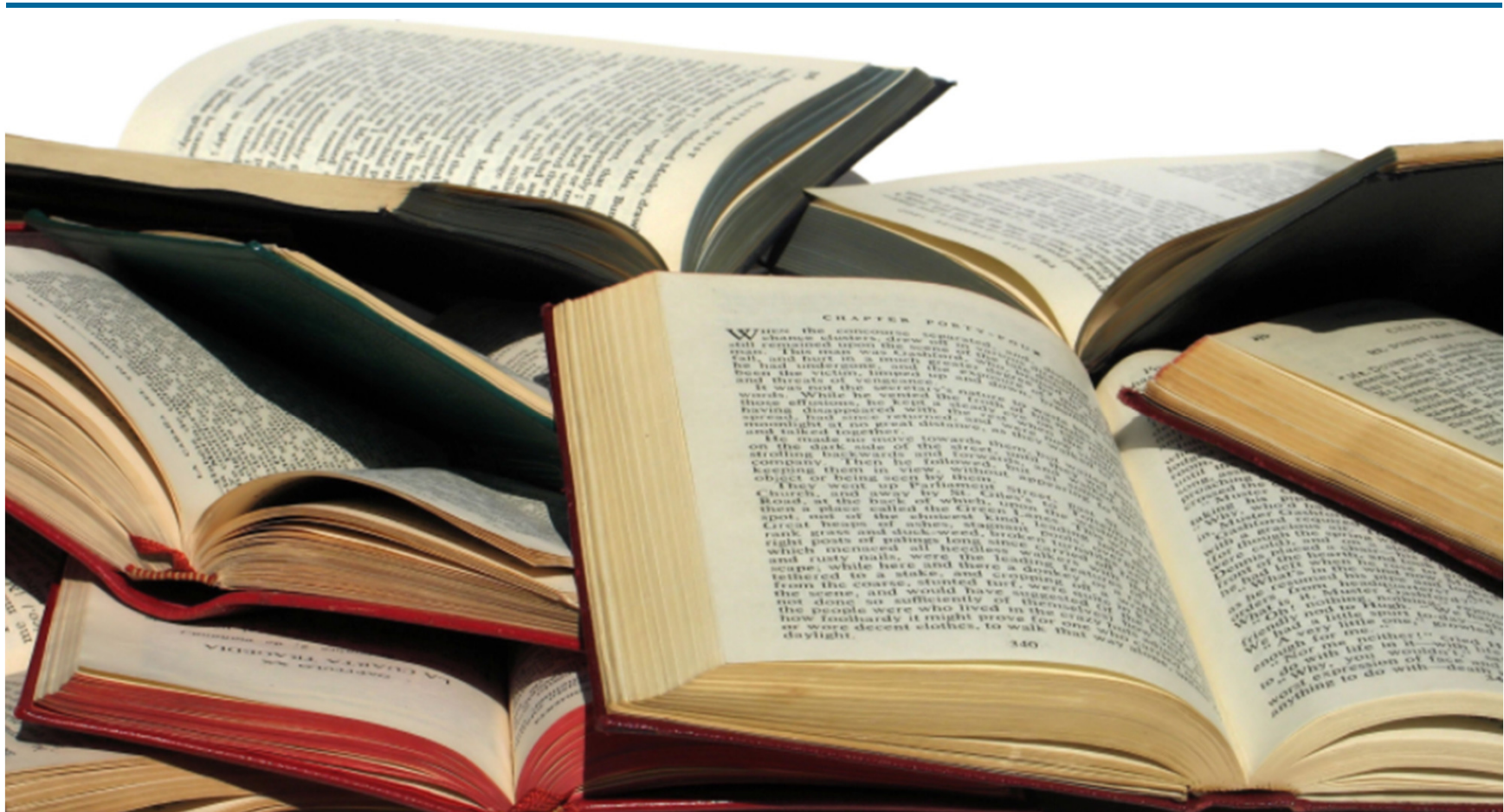
- PowerPoint Presentations related to EHDI/UNHS from past Workshops and Conferences may be found in the [Archives Section](#). Please note that some of the information and statistics in archived presentations may be out of date.







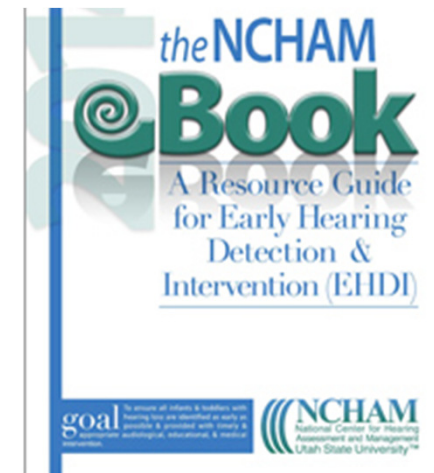
# Literature on the web





# E-Book – A Resource Guide for EHDI

- [Cover, Acknowledgements, and Table of Contents \[PDF\]](#)
- [Chapter 1: The Evolution of EHDI: From Concept to Standard of Care \[PDF\]](#)  
**Author:** *Karl R. White, PhD*
- [Chapter 2: Newborn Hearing Screening \[PDF\]](#)  
**Authors:** *Randi Winston, AuD, CCC-A; & Karen M. Ditty, AuD*
- [Chapter 3: Tracking, Reporting, & Follow-Up \[PDF\]](#)  
**Authors:** *Randi Winston, AuD, CCC-A; & Jeff Hoffman, MS, CCC-A*
- [Chapter 4: Utilizing Public Health Partners: Opportunities for Integrating & Improving State EHDI Programs \[PDF\]](#)  
**Authors:** *Nicole Brown, MSN, PHN, CPNP; Nicole Brys, MPH; & Kirsten R. Coverstone, AuD*
- [Chapter 5: Assessment of the Young Pediatric Patient \[PDF\]](#)  
**Author:** *Diane L. Sabo, PhD*
- [Chapter 6: The Etiologies of Childhood Hearing Impairment \[PDF\]](#)  
**Authors:** *N. Wendell Todd, MD, MPH; & Adrienne Maria Laury, MD*





## E-Book - Continued

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- Updated/reviewed annually
  - Etiologies of Childhood Hearing Impairment
  - Cytomegalovirus & Hearing Impairment
  - Auditory Neuropathy Spectrum Disorder
  - Parent Counseling in the Internet Age: The Rules & Roles have Changed
  - Fostering resilience in Children Living in Poverty:



# Family Focused Websites

<http://www.cdc.gov/ncbddd/hearingloss/ehdi-programs.html>



<http://www.handsandvoices.org>



[www.babyhearing.org](http://www.babyhearing.org)



<http://www.deafchildren.org>



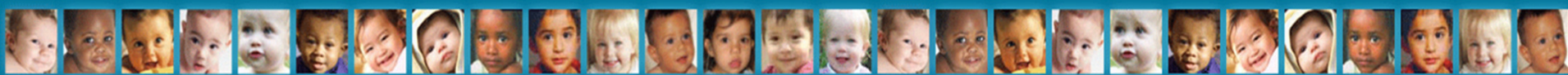
<http://www.agbell.org>

Listening and Spoken Language Knowledge Center  
For children and adults with hearing loss, their families and the professionals who support them

*Alexander Graham Bell*  
ALEXANDER GRAHAM BELL ASSOCIATION  
FOR THE DEAF AND HARD OF HEARING

[\(\(\( infanthearing.org](http://infanthearing.org)





# Hearing Loss in Children / CDC

## Hearing Loss in Children

### Hearing Loss Homepage

Facts

Screening & Diagnosis

Types of Hearing Loss

Treatment & Intervention Services

Data & Statistics

Articles

Research & Tracking

Recommendations & Guidelines

Free Materials

Links to Other Websites

About Us

[National Center Homepage](#) > [Hearing Loss Homepage](#)

Recommend 1 Tweet 1 Share

## Screening and Diagnosis

Diagnosing a hearing loss takes two steps:

- Hearing screening
- Full hearing test

### Hearing Screening

Hearing screening is a test to tell if people might have hearing loss. Hearing screening is easy and not painful. In fact, babies are often asleep while being screened. It takes a very short time — usually only a few minutes.



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**This page in**

[Español \(Spanish\)](#)

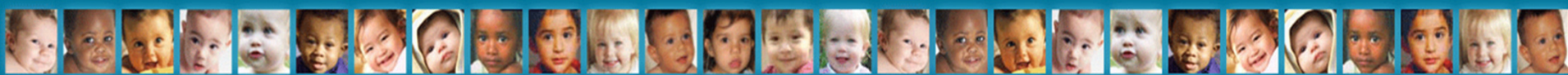
**Contact Us:**

Centers for Disease Control and Prevention

National Center on Birth Defects and Developmental Disabilities

((( [infanthearing.org](http://infanthearing.org)





# Hands and Voices



**HANDS & VOICES™**

"What works for your child is what makes the choice right"

[Home](#) | [About Us](#) | [Resources](#) | [Services](#) | [Chapters](#) | [Topics](#) | [Contact H&V](#) | [DONATE TO H&V](#)

## Hands & Voices Chapters

For info on a H&V chapter near you click a location marker on the maps below. Stars indicate full chapters and dots represent start-up / provisional chapters.



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# My Baby's Hearing (www.babyhearing.org)

BOYS TOWN  
National Research  
Hospital



## my baby's hearing

Versión en español

NIDCD

what's  
**NEW?**



first steps  
newborn screening

### first STEPS

If you are visiting this site for the first time, it may be because your baby has been referred for a second hearing screening test or for follow up hearing testing.

It is important to know that many babies need a repeat screening test. It does not necessarily mean your baby has a hearing loss. A newborn with normal hearing may fail the first screening due to debris in the ear canal, fluid in the middle ear or moving/crying during the test.

Follow up testing is very important. If your baby does have hearing loss, it is important to catch it early. Babies begin to develop speech and language in the earliest months of life. If families know about a baby's hearing loss, much can be done to encourage communication development.

navigating our site



about us

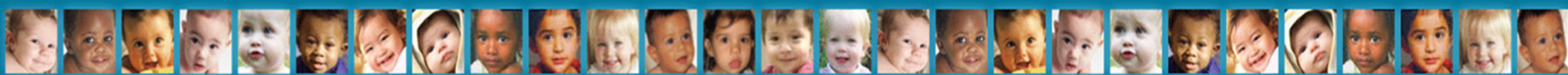
versión en  
español



next steps  
my baby has a hearing loss

((( [infanthearing.org](http://infanthearing.org)

**NCHAM**  
National Center for Hearing  
Assessment and Management  
Utah State University™



# American Society for Deaf Children



Contact

Search...

Search!

Home

The Endeavor

Resources

Conferences

Deaf Autism America

Members

About ASDC

Join ASDC!

## OUR CHILDREN ARE OUR FUTURE

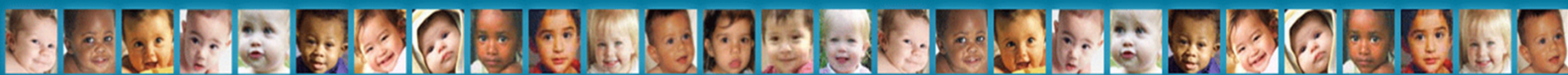
MISSION STATEMENT: ASDC supports and educates families of deaf and hard of hearing children and advocates for high-quality programs and services. Consider joining ASDC today, and receive The Endeavor magazine three times



((( [infanthearing.org](http://infanthearing.org)







# Alexander Graham Bell Association for the Deaf and Hard of Hearing

## Listening and Spoken Language Knowledge Center

For children and adults with hearing loss, their families and the professionals who support them

*Alexander Graham Bell*  
ALEXANDER GRAHAM BELL ASSOCIATION  
FOR THE DEAF AND HARD OF HEARING

Learn   Connect   Advocate   Get Certified   Find Services   **Families**   Professionals    

### Involving Fathers

Learn how to better involve fathers in the auditory-verbal therapy process and leverage their skills in helping their children.

[LEARN MORE >](#)



### our community

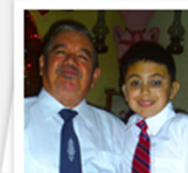
[Join Now!](#)

[Login](#)



#### Your Letters

Oliver, a 12-year-old who has profound, bilateral hearing loss, spent the first four and a half years of his life with his grandparents in Honduras. Their love has





# EHDI PALS <http://www.ehdi-pals.org>



## Early Hearing Detection & Intervention Pediatric Audiology Links to Services (EHDI-PALS): A National Pediatric Audiology Facilities Directory

Welcome to EHDI-PALS!

▼ Home

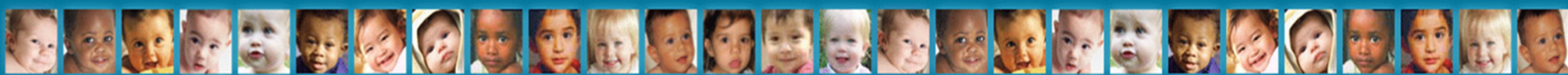
- ▶ Find a Facility
- ▶ Parent Resources
- ▶ Professional Resources
- ▶ Other Helpful Websites

A web-based list of pediatric audiology facilities. This list is being provided to you in order to identify hearing loss in children as soon as possible

Welcome to the [EHDI-PALS Directory](#), an online tool designed for families, physicians and other EHDI professionals to find where to go for hearing tests. The locations included in the directory have licensed pediatric audiologists who provide these services to children from birth on.

[LEARN MORE](#) about childhood hearing loss, hearing testing, and important questions parents can ask when making appointments. This contains great web resources for parents and professionals.

Find [OTHER HELPFUL WEBSITES](#), including national and state parent support organizations and other resources.



# PALS: Continued

**Below are links to resources for audiologists, physicians and other EHDI professionals.**

- [Joint Committee on Infant Hearing \(JCIH\)](#)
- [Guidelines for Audiologists Providing Informational and Adjustment Counseling to Families of Infants and Young Children With Hearing Loss Birth to 5 Years of Age \(2008\)](#)
- [Loss to Follow-Up in Early Hearing Detection and Intervention - Technical Report \(2008\)](#)
- [Natural Environments for Infants and Toddlers Who Are Deaf or Hard of Hearing and Their Families - Fact Sheet \(2006\)](#)
- [Roles, Knowledge, and Skills: Audiologists Providing Clinical Services to Infants and Young Children Birth to 5 Years of Age \(2006\)](#)
- [Guidelines for the Audiologic Assessment of Children From Birth to 5 Years of Age \(2004\)](#)
- [Remote Microphone Hearing Assistance Technologies for Children and Youth from Birth to 21 Years](#)
- [Pediatric Amplification Protocol](#)
- [Information you may want to know before completing your EHDI-PALS profile](#)

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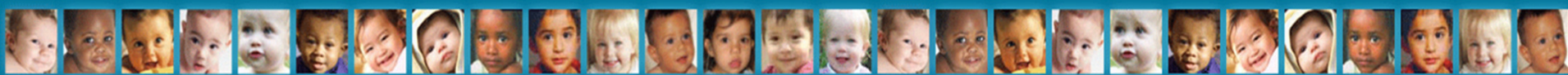


# Navigating EHDI from HOME for the Pediatric Audiologist is easier than ever:

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# Questions?

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((( [infanthearing.org](http://infanthearing.org)