



# It's Crystal Clear We're Here to Hear!

2020 NHCA Annual Conference  
The Sandestin Hotel • Destin, Florida





## Wednesday • February 19 • 2020

7:00 AM - 5:00 PM	Course Director Certification & Re-certification Workshop through CAOHC	Terrace Room 2/3
-------------------	---	------------------

## Thursday • February 20 • 2020

7:00 AM - 6:30 PM	Registration Desk Open	Bayview Foyer
7:00 - 8:00 AM	Breakfast	Bayview Room
Full Day Workshops		
8:00 AM - 4:00 PM	<b>The Basics Workshop</b> <i>Speakers: James Jerome, Timothy Swisher, Frank Wartinger, Laurie Wells, Richard Stepkin and Theresa Small</i>	Linkside B
8:00 AM - 4:00 PM	<b>Boothless Audiometry Workshop</b> <i>Speakers: Kathy Gates, Jameel Muzaffar, Dirk Koekemoer, Renee Lefrancois, Laura Prigge and Odile Clavier</i>	Linkside A
Morning Workshops		
8:00 - 11:00 AM	<b>Selecting Hearing Protection Devices Using New and Updated Standards</b> <i>Speakers: Kari Buchanan and Robert Williams</i>	Linkside D
8:00 - 11:00 AM	<b>Hands-On Workshop: How You (or Your Students) Can Contribute to Wiki4YearOfSound2020</b> <i>Speaker: Thais Morata</i>	Terrace Room 2/3
8:00 - 11:00 AM	<b>Impulsive Noise: Understanding Measuring and Mitigating the Risk of Noise Induced Hearing Loss</b> <i>Speakers: William Murphy, Gregory Flamme, Deanna Meinke and Michael Stewart</i>	Linkside C
11:00 AM - 1:00 PM	Lunch On Your Own	
Afternoon Workshops		
1:00 - 4:00 PM	<b>What You Don't Hear Can Kill You - The Conundrum of Balancing Hearing Protection and Auditory Situation Awareness: Guidance for the Hearing Conservationist</b> <i>Speakers: John Casali and Lee Kichol</i>	Linkside D
1:00 - 4:00 PM	<b>Noise Exposure Risk Assessment in Various Workplace Environments</b> <i>Speaker: Robert Anderson</i>	Linkside C
1:00 - 4:00 PM	<b>Considering Models and Approaches to Health Behavior Change in the Prevention of Auditory Dysfunction</b> <i>Speaker: M. Samantha Lewis</i>	Terrace Room 2/3
5:30 - 8:30 PM	Exhibitor Reception	Linkside Foyer

## Friday • February 21 • 2020

7:00 AM - 5:30 PM	Registration Desk Open	Linkside Foyer
7:00 AM - 5:30 PM	Exhibit Hall Open	Linkside Foyer
7:00 - 8:00 AM	Breakfast	Bayside Ballroom
8:00 - 8:15 AM	<b>General Session: Opening Remarks</b> <i>Presented By: Amy Blank, NHCA President &amp; Tanisha Hammill, Program Committee Chair</i>	Linkside Ballroom
8:15 - 8:45 AM	<b>Keynote Address: Hearing, Aging, and Public Health – From Epidemiology to Public Policy</b> <i>Speaker: Jennifer A. Deal</i>	Linkside Ballroom
<b>Plenary Platform Sessions - Linkside Ballroom</b>		
8:45 - 9:15 AM	<b>Healthy Hearing, Healthy Aging: Initial Results</b> <i>Speaker: Jan Moore</i>	
9:15 - 9:45 AM	<b>University of Michigan/Apple Hearing Health Study</b> <i>Speaker: Richard Neitzal</i>	
9:45 - 10:15 AM	Break	Linkside Foyer
10:15 - 10:40 AM	<b>Building an Effective Hearing Conservation Program (HCP) and the Value of Prevention</b> <i>Speakers: Malisha Martukovich, Theresa Schulz, Kathy Gates and LaKeisha Henry</i>	
10:40 - 11:05 AM	<b>UK Military Hearing Collaboration - An Overview of Progress Across Prevention, Detection and Treatment of Noise Induced Hearing Loss and Tinnitus</b> <i>Speaker: Lt Col Linda Orr</i>	
11:05 - 11:30 AM	<b>Developments in Artificial Intelligence to Prevent and Mitigate Hearing Loss</b> <i>Speaker: Gregory Ciccarelli</i>	
11:30 AM - 12:00 PM	<b>General Session: NHCA Annual Business Meeting</b>	Linkside Ballroom
12:00 - 1:30 PM	<b>Luncheon Speaker: The Fifth Sense</b> <i>Speaker: Dallas Taylor</i>	Bayside Ballroom
<b>Schedule Continued on Next Page</b>		



**BENSON MEDICAL INSTRUMENTS**  
Seamless Solutions

**HPD Fit Testing: Don't Track  
Hearing Loss, Prevent It.**

Audiometry | Spirometry | HPD Fit Testing | Online Data Management

sales@bensonmedical.com • 612-827-2222 • www.bensonmedical.com

**Our mission:** Advancing  
best practice in occupational  
hearing conservation  
worldwide, through  
credentialing, standards,  
education, & advocacy.

**Visit us at our NHCA booth  
or on our website:**

**www.caohc.org.**



**CAOHC®**  
Council for Accreditation in  
Occupational Hearing Conservation

## Friday • February 21 • 2020

Continued from Previous Page

1:30 - 2:30 PM	<b>Poster Session</b>	Bayview Room
2:30 - 3:00 PM	Break	Linkside Foyer
3:00 - 3:25 PM	<b>How Do We Know it Works? Evaluating Hearing Loss Interventions for Effectiveness</b> <i>Speaker: Hannah Speaks</i>	Linkside Ballroom
3:25 - 3:50 PM	<b>Words-in-Noise Performance in Normal-Hearing Young Adults with Isolated or Frequent Firearm Exposure</b> <i>Speaker: Sarah Grinn</i>	Linkside Ballroom
3:50 - 4:15 PM	<b>Subjective Evaluation of Hearing Protection Devices in a Military Population</b> <i>Speaker: Douglas Brungart</i>	Linkside Ballroom
4:15 - 4:40 PM	<b>Effectiveness of a Smartphone-Based Hearing Conservation Intervention Among Farm Youth</b> <i>Speaker: Khalid Khan</i>	Linkside Ballroom
4:40 - 5:15 PM	<b>Safe-in-Sound Awards</b>	Linkside Ballroom
6:30 - 9:30 PM	<b>Friday Night Event - Margaritaville at the Harborwalk</b> Busses will start at 6:00 PM outside of the Grand Complex Lobby/Hotel Lobby	Margaritaville at the Harborwalk

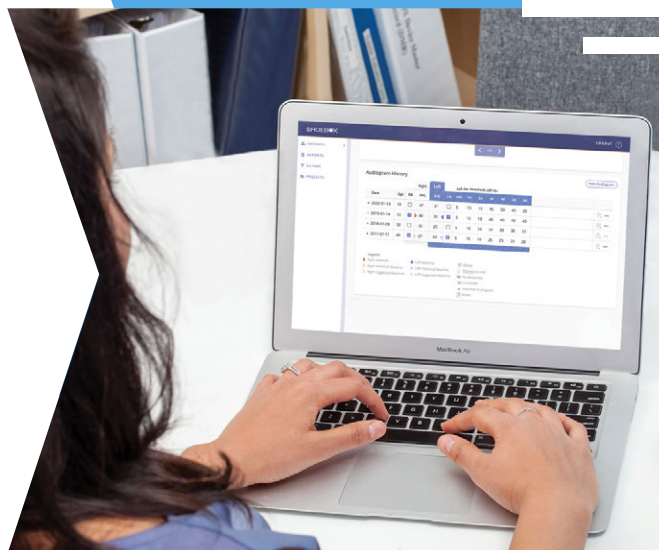
Introducing the industry's first international network of licensed audiologists available for occupational hearing review.

# SHOEB

This network provides one-stop access for professionals who require audiological services for their Hearing Conservation Programs

[Click here to learn more >](#)

or visit: <https://bit.ly/30LiMQl>



## Saturday • February 22 • 2020

7:00 AM - 5:00 PM	Registration Desk Open	Linkside Foyer
7:00 AM - 2:00 PM	Exhibit Hall Open	Linkside Foyer
7:00 - 8:00 AM	<b>Vendor Appreciation Breakfast - For Attendees and Exhibitors</b>	Bayside Ballroom

Breakout Session #1: Novel Education Strategies Linkside D	Breakout Session #2: Novel Measurement Strategies Linkside C	Breakout Session #3: Novel Protection Strategies Linkside A	Breakout Session #4: Industry Considerations Terrace Room 2/3
8:10 – 8:35 AM			
<b>Comic Books to Scientific Guidelines: Effective Strategies in the Fight Against Noise-Induced Hearing Loss</b> <i>Speaker: John Eichwald</i>	<b>Field Validation Assessment of a Portable Auditory Localization Training System for Instilling Azimuthal Localization Skills With and Without Electronic Hearing Protectors</b> <i>Speakers: Kara Cave and Brandon Thompson</i>	<b>Characterization of Firearms Suppressor Performance with a Microphone Array</b> <i>Speaker: William Murphy</i>	<b>Evaluation of Hearing Protection Device Effectiveness for Musicians</b> <i>Speaker: Kathryn Crawford</i>
8:40 – 9:05 AM			
<b>Just-In-Time Learning and Hearing Conservation</b> <i>Speaker: John Merkley</i>	<b>Effects of Written Instructions on Field Real Ear Attenuation at Threshold Measurements</b> <i>Speaker: Katherine Steffen</i>	<b>Glucocorticoid Therapy for Acute Acoustic Trauma: Current and emerging evidence from the UK Military Hearing Research Program</b> <i>Speaker: Jameel Muzaffar</i>	<b>Preventing Hearing Injury in the Music Industry</b> <i>Speakers: Siobhan McGinnity and Robert Cowen</i>
9:10 – 9:35 AM			
<b>Musical Acoustics and Health: A Hands-On Approach to Learning and Applying</b> <i>Speaker: Donald Finan</i>	<b>Characterizing the Effects of Occupational Noise Exposure Using Otoacoustic Emissions</b> <i>Speaker: Sridhar Krishnamurti</i>	<b>Evaluation of Extended Wear Earplugs: Lessons for Hearing Conservation</b> <i>Speaker: Douglas Brungart</i>	<b>Noise Exposures in a Meat Processing Facility</b> <i>Speaker: Chandran Achutan</i>
9:35 – 10:05 AM - Break – Linkside Foyer			
Schedule Continued on Next Page			



## Saturday • February 22 • 2020

Continued from Previous Page

10:05 - 11:05 AM	<b>Music Audiology: Updates and Best Practices</b> <i>Speakers: Frank Wartinger, Cory Portnuff, Colleen Le Prell, Heather Malyuk and Michael Santucci</i>	Linkside Ballroom
11:05 - 11:35 AM	<b>Stand-off, Photograph-Based Estimation of Hearing Protection Attenuation and Fit</b> <i>Speaker: Christopher Smalt</i>	Linkside Ballroom
11:35 AM - 1:05 PM	<b>Awards Luncheon</b>	Bayside Ballroom
1:15 - 1:45 PM	<b>Gasaway Lecture: Prevention at the 3</b> <i>Speaker: Jillyen Curry-Mathis</i>	Linkside Ballroom
1:45 - 2:15 PM	<b>Middle Ear Muscle Contractions do not Provide Dependable Protection: Implications for Impulsive Noise Damage Risk Criteria</b> <i>Speaker: Gregory Flamme</i>	Linkside Ballroom
2:15 - 2:45 PM	<b>An Approach to Identification of Middle Ear Muscle Contractions that Controls for the Effect of Incidental Motor Activity</b> <i>Speaker: Stephen Tasko</i>	Linkside Ballroom
2:45 - 3:15 PM	Break	Linkside Foyer
3:15 - 3:45 PM	<b>Understanding Audio Through Audiology and Hearing Conservation</b> <i>Speaker: S Benjamin Kanters</i>	Linkside Ballroom
3:45 - 4:15 PM	<b>Auditory Deficits Associated with Exposure to High-Intensity Blast Waves: Evidence from Military Veterans</b> <i>Speaker: Melissa Papesh</i>	Linkside Ballroom
4:15 - 4:30 PM	<b>General Session: Closing Remarks</b>	Linkside Ballroom
5:00 - 7:30 PM	<b>Executive Council Meeting</b>	Terrace Room 2/3

### #1 Doctor Recommended for Ringing in the Ears\*



50 million people in the United States experience tinnitus to some degree. Your patients are looking for answers. **Lipo-Flavonoid®** is here to help!

**Lipo-FLAVONOID®**



Learn more at [www.lipoflavonoid.com](http://www.lipoflavonoid.com)  
27070 Miles Road Suite A, Solon, OH 44139 • 844.454.7632

### Wiki4YearOfSound2020

Help NIOSH improve Wikipedia articles on hearing conservation!

Join the International Year of Sound 2020 Initiative today!



SCAN to JOIN