

---

**Association of Medical Professionals  
With Hearing Losses**

---

SECOND ANNUAL CONFERENCE  
JULY 20-21, 2002  
HOLIDAY INN  
MIAMISBURG, OHIO

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

**AMPHL**  
**3709 Waterbridge Lane**  
**Miamisburg, OH 45342**  
**[www.amphl.org](http://www.amphl.org)**

**TABLE OF CONTENTS**

Saturday July 20th schedule	Page 2
Sunday July 21st schedule	Page 7
Advertisements	Page 14
Exhibitors	Page 16
CART Transcripts	Page 16
Important Information	Page 17
Donors	Page 18
Pre-registered Conference Attendees	Page 19
Top 10 Reasons To Be Part of AMPHL	Page 21

**SATURDAY JULY 20TH**

***At a glance***

8:00 AM **Registration**

9:00 AM **AMPHL Welcome and Introduction** – Candice C. Barrere, D.V.M.

10:00 AM Exhibit room opens

9:30-10:30 AM **Stethoscopes and Medical Professionals with Hearing Losses**  
– Candice C. Barrere, D.V.M.

10:45-11:45 AM **Body Sounds Visualization System** – A. Vyshedskiy and R.  
Murphy

11:45 AM Exhibit room closed until 12:30 PM

12:00 PM **LUNCH** – Presentation room closed until 1:15 PM

1:30-2:00 PM **Update On Kimberly Clark** – Stacey Cordwell-Carroll, R.N., Ph.D.  
(c)

2:00-3:30 PM **Assistive Technology and Telecommunication for Medical  
Professionals with Hearing Losses** – Becky Morris and Samuel Atcherson,  
M.Ed.

3:30-4:00 PM **EXTENDED BREAK** – Exhibit and presentation rooms remain open

4:00-4:45 PM **Hearing Loss Among the Drugs: The Coping Adventures of a  
Pharmacist** – Dan Sheridan, R.Ph.

5:00-6:00 PM **AMPHL Business**

6:00 PM Exhibit hall closes

**SATURDAY JULY 20TH**

EXHIBIT ROOM WILL BE OPEN FROM 10 AM TO 6 PM

8:00 AM **Registration**

9:00 AM **AMPHL Welcome and Introduction-** Candice C. Barrere, D.V.M.,  
AMPHL President

9:30 AM **Stethoscopes and Medical Professionals with Hearing Losses -**  
Candice C. Barrere, D.V.M., Total Pet Care, Toledo, OH

Criteria for the selection of appropriate stethoscopes and accessories will be discussed from the viewpoints of an audiologist and an engineer. This will be followed by an overview of the current stethoscopes and accessories available. Stethoscope and accessory recommendations will be made for the different degrees of hearing loss and type of device (hearing aid, cochlear implant) used.

10:45 AM **Body Sounds Visualization System—Pocket STG and Lung Sound Analysis** - A. Vyshedskiy, Ph.D. and R. Murphy, Faulkner Hospital, Boston, MA

**Background and Purpose:** Body sounds assessment is a challenging task even for experienced physicians. It is especially challenging for physicians with partial or complete hearing loss. Accordingly we were interested in developing a convenient system that visualizes body sounds in real time. We call the system the Pocket Stethograph or Pocket STG.

**SATURDAY JULY 20TH**

**Methods:** The Pocket STG uses the output of an electronic stethoscope (Cardionics, Inc.) to visualize in real time the sounds that the physician is hearing and stores them on the Pocket PC (Compaq iPAQ). Then these lung, heart, and abdominal sounds can be replayed along with a waveform visualization. The lung sounds are analyzed in real time to provide crackle and wheeze counts.

**Results Part I. Learning Lung Sounds Multimedia Presentation:** The purpose of this presentation was to review the most important lung sounds, their mechanism of production, the locations where they are commonly heard and their clinical associations. Lung sounds were recorded with the use of a 16 channel lung sound analyzer. The sounds were also visualized in their anatomical position on html web pages readily accessible with Internet Explorer, running on a Windows or a Macintosh computer. The Learning Lung Sounds consist of 3 sections. The 1st section presents the most commonly encountered lung sounds. Their characteristics are first described. They then can be played back, synchronized with a cursor running over the time amplitude plots. The 2nd section presents the patterns of lung sounds from actual tracings of patients with lung diseases who have been recorded using the STG. By clicking on one of the 16 sites on the patient body map the student initiates sound play back and visualization. The 3d section presents patient cases. Each case includes 16 chest sounds, a crackle and wheeze analysis summary, a clinical summary, and patient X-rays. Every case is concluded with a quiz. The Learning Lung Sounds creates an environment of virtual patient auscultation. The Learning Lung Sounds is intended for everyone interested in clinical medicine, particularly students and residents in medicine, nursing and respiratory care as well as those in physician assistant, emergency care, and nurse practitioner programs. Learn more about Learning Lung Sounds at: [http://www.stethographics.com/frames/products\\_ls.html](http://www.stethographics.com/frames/products_ls.html)

**SATURDAY JULY 20TH**

**Results Part II. Pocket STG:** As it was discussed in the Learning Lung Sounds presentation the waveform display reveals diagnostic information often not heard on auscultation. The Pocket STG visualizes body sounds and identifies abnormal lung sounds in real time. Captured body sounds can also be shared with other physicians for a second opinion. The Pocket STG is the result of over 20 years of research and clinical work by Dr. Raymond Murphy and others. You can read more about research leading to development of the Pocket STG at: [http://www.stethographics.com/frames/physiology\\_overview.html](http://www.stethographics.com/frames/physiology_overview.html). We were also interested in reducing the number of gadgets physicians have to carry with them. Accordingly software packages for Emergency Medicine, Cardiac Medicine, Drug Information, and Drug Interaction can be all preloaded on the Pocket STG computer. In addition, Pocket STG provides an optional cellular phone and wireless internet functionality.

12:00 PM **LUNCH** - Pre-purchased catered lunch will be held in Holiday Inn Holidome. Exhibit room will be closed from 11:45 to 12:30 PM

1:30 PM **Update on Surgical Masks** - Stacey Cordwell Carroll, R.N., Ph.D. (c),  
Advanced Health Care, Stoneham, MA

This presentation will highlight the issues surrounding the manufacture of a clear surgical mask, which enables the wearer's lips to be visible. Such a mask is proposed to improve access to healthcare professionals with hearing losses, as well as to be beneficial to deaf patients and children (hearing or deaf). AMPHL has completed a petition containing approximately 1500 signatures and the results of this petition will be discussed. The current status and future direction of this advocacy project will be discussed with audience input.

**SATURDAY JULY 20TH**

**2:00 PM Assistive Technology and Telecommunication for Medical**

**Professionals with Hearing Losses** - Samuel Atcherson, M.Ed.,  
School of Audiology and Speech-Language Pathology, University of  
Memphis, Memphis, TN and Becky Morris, President of Effective  
Communication Solutions and Beyond Hearing Aids, Independence,  
KY

This presentation will have three parts: 1) general repeat of last year's talk will be presented on the rationale for assistive technology; 2) assistive technology in telecommunication will be discussed; and 3) table display of most widely used assistive technology will be provided. We hope the conference attendees will walk away armed with the knowledge, use, and application of assistive technology.

**3:30 PM BREAK** - Those who pre-purchased lunch today may partake of snack display

**4:00 PM Hearing Loss Among the Drugs: the Coping Adventures of a**

**Pharmacist** - Dan Sheridan, R.Ph., Marion General Hospital, Marion,  
OH

A hospital pharmacist presents 20 tips that have helped him to cope with hearing loss at work. Includes strategies for choosing an employer, solving everyday communications difficulties, and staying in touch while working on nursing units

**5:00 PM AMPHL Business**

**SUNDAY JULY 21ST**

***At a glance***

8:30 AM **Registration**

9:00 AM **Educating Health Sciences Faculty: Ideas and Innovations** – Martha Smith  
Exhibit room opens

10:45-11:15 AM **Reflections of a Deaf Medical Professional** – Thomas Kavic, M.D.

11:30-12:15 PM **First Aid for the Hearing Impaired I: Clinical Medicine** – Basya Veyberman, M.D. and Michelle Nashleanas Ph.D.

12:15 PM Exhibit room closed until 1:00 PM

12:30 PM **LUNCH** – Presentation room closed until 1:45 PM

2:00-2:45 PM **First Aid for the Hearing Impaired II: Residency Applications** – Basya Veyberman, M.D.

3:00-3:45 PM **Academic Careers for Hard of Hearing Medical Professionals** – Phillip Zazove, M.D., Peter Hauser, Ph.D., Myron Weinberger M.D.,

3:45-4:30 PM **Self-Esteem in the Hearing Impaired Professional** – Mary Kaland, Ph.D.

4:30-5:00 PM **EXTENDED BREAK** – Exhibit and presentation rooms to remain open

6:00 PM Exhibit hall closes

**SUNDAY JULY 21ST**

EXHIBIT ROOM WILL BE OPEN FROM 9AM TO 6PM

8:30 AM **Registration**

9:00 AM **Educating Health Sciences Faculty: Ideas and Innovations** - Martha R. Smith, Oregon Health Sciences Faculty Education Project, Portland,  
OR

Many health sciences faculty have taken the view that deaf or hard of hearing students will have difficulty or can't be successful in health sciences programs. The Health Sciences Faculty Education Project is a three-year federal grant project located at Oregon Health & Science University (OHSU). The goal of the project is to increase the capacity of health sciences faculty to teach and accommodate students with disabilities, including deaf and/or hard of hearing students, in health sciences programs in order to enhance their success and access in these programs. Using information gathered through the grant we will discuss the biggest concerns of faculty regarding students with disabilities in health sciences programs, the educational model we are using to change the "hearts and minds" of faculty concerning health sciences students with disabilities and we will show segments from our newly developed videotape series Profiles of Health Science Professionals with Disabilities. This videotape series includes interviews with deaf and/or hard of hearing physicians, nurses and dentists. We will also invite participants to share what they think are the key issues regarding educating faculty who work with health science students who are deaf or hard of hearing.

**SUNDAY JULY 21ST**

10:45 AM **Reflections of a Deaf Medical Professional Living and Working Alone In a Verbalized World** - Thomas Kavic, M.D., R.V.T., R.D.C.S., R.D.M.S., Brighton Radiology Associates, Sewickly, PA

This story concerns the life of a deaf medical professional trying to survive in a verbalized world since grade school. The only resources this person has include the following: his family, speech therapist (oralist as determined by the powers to be), primitive hearing aid device that consisted of ear mold, wire and amplifier strapped to the chest, and intense inner drive to succeed. The presentation will elaborate on these points and is basically an autobiography so that others may relate to it.

11:30 AM **First Aid for the Hearing Impaired I: Clinical Medicine** - Basya Veyberman, M.D., Forbes Family Practice, Pittsburgh, PA and Michelle Nashleanas, Ph.D., Albert Einstein College of Medicine, Bronx, NY

Successful academic achievement during the preclinical years permits advancement to clinical rotations, or clerkships, in medical school. For many medical students, being torn away from the familiar seat of the classroom and thrown into an unknown environment that is always challenging creates doubts in the students' mind that they may not be able to make it through this part of their training. During the very first day of clinical rotation, a student is exposed to multiple auditory and interpersonal environments. In addition, the student is presented with a number of expectations, including expectations of communicating with a multitude of ancillary staff who participate in your patients' care. Thus, beginning clinical rotations can be very stressful for a student in health professions with hearing impairment. In Part I of "First Aid for the Hearing Impaired," we will discuss different ways to deal with the different challenges that one encounters in Medicine/Pediatrics rounds,

**SUNDAY JULY 21ST**

Surgery, Obstetrics and the Emergency Department. We will utilize case presentation based on the MSIII experience in two different cities, followed by interactive modeling of typical challenges faced by the MSIII with hearing loss. We invite experienced health professionals with hearing losses to share their insights into dealing with these obstacles.

Learning Objectives:

1. Become familiar with different clinical situations including rounds, surgery, deliveries
2. Identify different ways of being able to succeed in clinical rotations and not let the hearing loss stand in your way
3. Develop strategies to request reasonable accommodations on the wards
4. Appreciate variety of different experiences and personal recollections regarding approaching clinical situations

12:30 PM **LUNCH** - Pre-purchased catered lunch will be held in Holiday Inn Holidome. Exhibit room will be closed from 12:15 to 1:00 pm.

**SUNDAY JULY 21ST**

2:00 PM **First Aid for the Hearing Impaired II: Residency Applications** - Basya Veyberman, M.D., Forbes Family Practice, Pittsburgh, PA

Completion of the clerkships leads to advancement to the 4<sup>th</sup> year, during which one decides which specialty to choose. At this time, one completes the application and interviews for residency. The residency application process is daunting to everyone, but the concerns of applicants hearing loss deserves special discussion in this conference. In Part II of "First Aid for the Hearing Impaired," we will discuss the mechanism with of the interview, issues surrounding disclosure of hearing loss, and educating potential employers about our abilities to satisfy the essential functions of our jobs in the face of hearing loss. As in Part I, we will utilize case presentation based on the MSIV experience, followed by interactive modeling of typical challenges faced by the MSIV with hearing loss during the residency application process. We invite experienced health professionals with hearing losses to share their insights into dealing with these obstacles, including both residency and employment experiences.

Learning Objectives:

1. Identify the reasons for disclosure of hearing loss
2. Become familiar with interview process
3. Be able to educate your future employees regarding hearing loss
4. Appreciate variety of different experiences and personal recollections regarding approaching clinical situations and residency interviews

**SUNDAY JULY 21ST**

3:00 PM **Perspectives from Academia: How Deaf and Hard of Hearing Medical Professional Faculty Manage Their Jobs** - Phillip Zazove, M.D., Clinical Professor of Family Medicine and Associate Medical Director of Ambulatory Care, University of Michigan Medical School, Ann Arbor, MI; Peter Hauser, Ph.D., Neuropsychology Fellow, Departments of Neurology and Psychiatry, University of Rochester Medical Center, Strong Memorial Hospital, Rochester, NY; and Myron Weinberger M.D., Professor of Medicine and Director of the Hypertension Research Center at the Indiana University School of Medicine, Indianapolis, IN

This panel will focus on the effect of a significant hearing loss on performing an academic job. Each panelist member will briefly talk about how they deal with their hearing loss in an academic setting, particularly in teaching settings (both individual and group teaching). Then we anticipate questions from the audience and a larger discussion. The goal is to provide ideas for people who are in academia and to encourage other members of AMPHL to consider academic jobs.

**SUNDAY JULY 21ST**

3:45 PM **Self-Esteem in the Hearing Impaired Professional** - Mary Kaland,  
Ph.D., Private Practice, New York, NY

This talk will explore some issues in the area of self-esteem in the hearing impaired community. Direct clinical material will be discussed and explored from developmental and social perspectives.

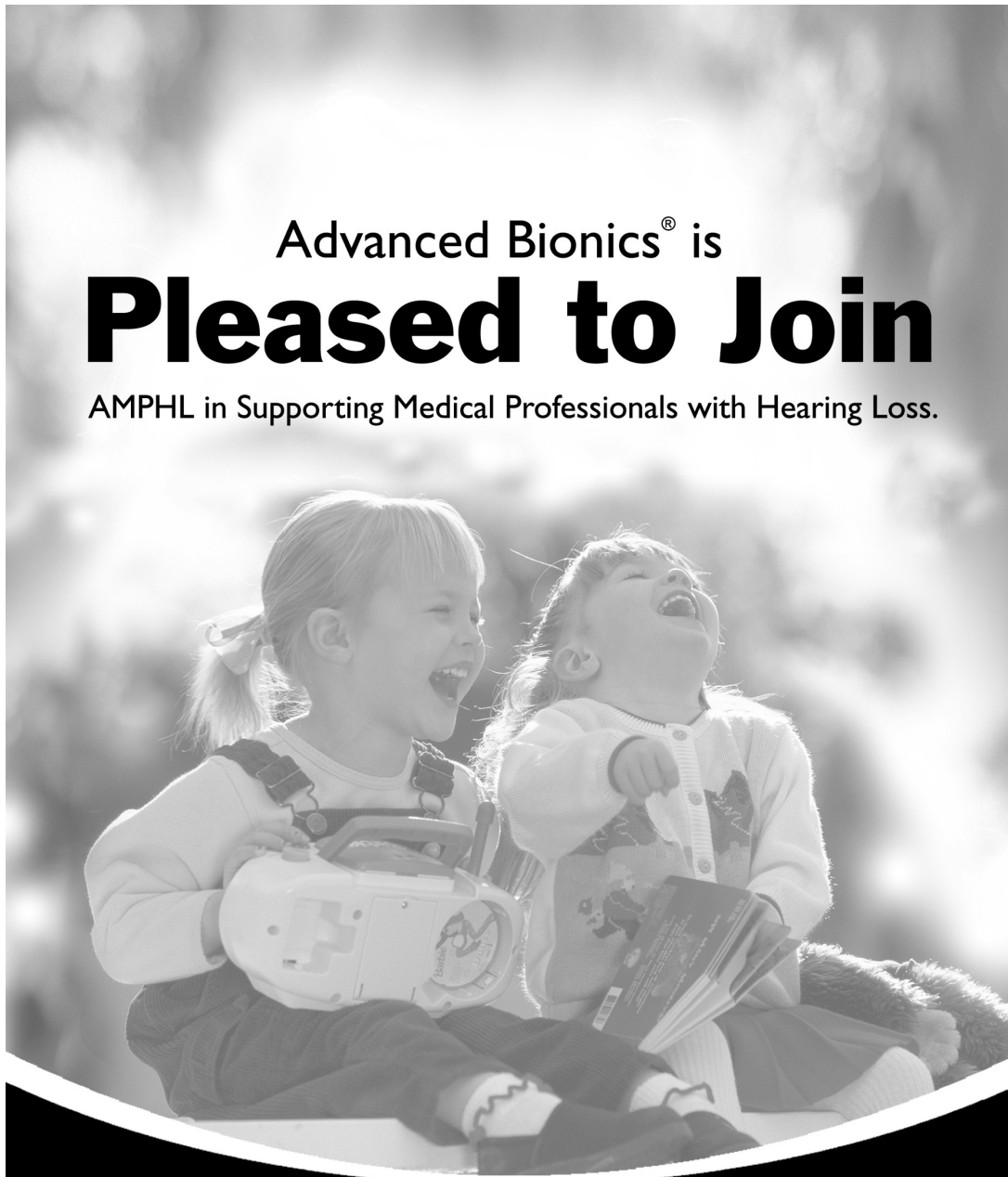
Topics explored will include:

- What are some of the developmental causes of low self-esteem in the hearing- impaired.
- What are some of the social causes of low self-esteem.
- How can treating professionals address low self-esteem issues in self and others?
- Family issues.
- The role of speech.
- Clinical material.

4:30 PM **BREAK** - Those who pre-purchased food today may partake of snack display

Advanced Bionics® is  
**Pleased to Join**

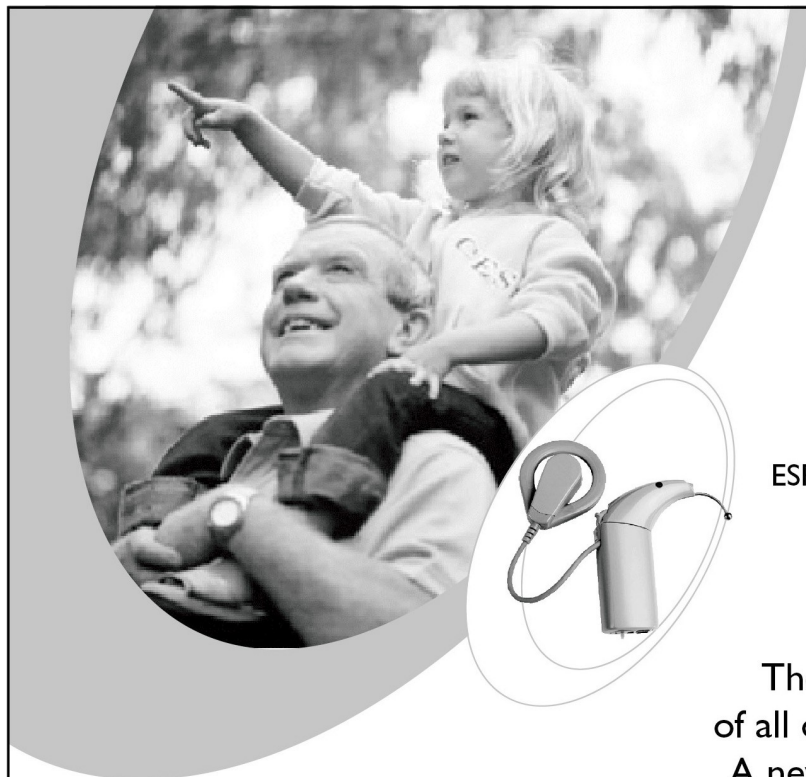
AMPHL in Supporting Medical Professionals with Hearing Loss.



Join the Bionic Ear Association  
as a candidate or volunteer and learn more  
about cochlear implants.

[www.bionicear.com](http://www.bionicear.com)





ESprit™ 3G

**The real benefit  
of all our research.  
A new generation**

The new Nucleus® 3 system is Cochlear's state-of-the-art 3rd generation offering. A completely integrated solution that provides the very latest in implant, speech processor and software innovation. It features the Nucleus® 24 Contour™, an award-winning implant with its advanced self-curling electrode. The ESprit™ 3G is the latest BTE processor available. Weighing only 12 grams, it features a built-in telecoil for phone use without cables. And our ground breaking NRT software is now delivered in its third generation: NRT™ 3.0.

This innovative new system builds upon Cochlear's experience with over 38,000 recipients. Experience that has led to a new generation.

**Cochlear. Hear now. And always**

**Nucleus® 3 system**  
Another Cochlear innovation



**Cochlear • 800-523-5798 • [www.cochlear.com](http://www.cochlear.com)**

**EXHIBITORS**

3M Health Care  
(Saturday only)

AMPHL T-shirts/sweatshirts

Assistive Listening Devices Display

Cardionics, Inc.  
(Saturday only)

Cochlear Americas

Effective Communication Solutions, Inc.

Kimberly-Clark

Stethoscope Display

**CART TRANSCRIPTS**

Transcripts of the AMPHL conference will be available to interested parties. An email must be addressed to [gary@PRIOHIO.com](mailto:gary@PRIOHIO.com) and the subject line MUST say "AMPHL transcript." You will then be emailed a "dirty disk" transcript. (Thank You, PRIOHIO!)

**EXHIBIT ROOM**

AMPHL encourages you to talk with exhibitors and try different technology present. Keep in mind that the equipment displayed is valuable. Thus, please stay at the exhibit table on which you found the equipment with which you are examining. Only remove equipment from the table with the exhibitor's expressed permission and returned the equipment in a mutually agreeable timely manner.

AMPHL requests that noise level be kept to a minimum to allow testing of stethoscopes and assistive listening devices.

Food and drink are not allowed in the exhibit room at any time.

**LUNCH**

Please allow the exhibitors to partake of lunch prior so that they may resume their exhibit stations as soon as possible for your convenience.

Place your meal ticket on the table in front of you to aid servers. Those that did not purchase lunch are restrained from entering the Holiday Inn catered area per Holiday Inn's request.

**CHILDREN**

Due to noise concerns in the presentation room and exhibit room and the valuable equipment in the exhibit room, children under 13 are not allowed into either the presentation room or the exhibit room.

**CORPORATE DONORS**

**Bronze AMPHL Champion**

Advanced Bionics

**Patron**

Cochlear Corporation

**INDIVIDUAL DONORS**

**Silver AMPHL Champion**

Thomas Henry Wilson and Family Foundation

**Sponsors**

Brenda Corriher

Alex Corriher

Tracey Allman

Hailey Allman

Amy Melia Griffith

Marilyn T. Berkley, DVM

Viggo Mikkelsen

Therese A. Reiser, R.N., B.C.

Joshua Pietsch, R.N.

Bill and Candie Barrere

**PRE-REGISTERED CONFERENCE ATTENDEES**

Steven Applebaum, DO

Samuel Atcherson, M.Ed.

Candice C. Barrere, DVM

Stacey M. Cordwell Carroll, RN, PhD(c)

Kimberly Dodge, DVM

Sol Fried

Kelly Ferguson

Jill Ghormley

Phyllis Gregg

Penny Hahn, MD

Peter Hauser, PhD

Erica Cheyney Hill, MD

Mary Kaland, Ph.D.

Thomas Kavic, MD, RVT, RDCS, RD, MS

Nghi Lu

Annette Ludwig

Michelle Ludwig

Calvin T. Ma

**PRE-REGISTERED CONFERENCE ATTENDEES**

Rob Martin

Michael McKee, MD

Christopher J. Moreland

Becky Morris

Lakhvinder K. Narula, MD

Michelle Nashleanas, PhD

William H. Nelson

Gregory Parranto, MD

Elke Pieters, MT, ASCP, NCA

Joshua Pietsch, RN

Danielle N. Rastetter, DVM

Therese A. Reiser, RN, BC

Kay Ringelstetter

Jason Sobel, MD

Eileen E. Trihoulis, RN

Basya (Bess) Veyberman, MD

Phillip Zazove, MD

**TOP 10 REASONS TO BE PART OF AMPHL**

10. People literally understand me
9. I can be multiply stimulated (CART, sign language, and audio!)
8. I can demonstrate my electronic toys
7. I crank up the dB until it Hz
6. Everyone else's voice sounds like mine
5. I don't have to worry about dead batteries
4. I can't get away with bluffing
3. People know I'm not crazy when I say I'm hearing things (tinnitus)
2. I'm usually not the only one with a vibrator...in bed

And the #1 reason to be part of AMPHL is:

1. Largest gathering of healthcare professionals with hearing losses

Courtesy of Samuel R. Atcherson, M.Ed.