Next HLA-Wake Event: Join us this Friday, 27 July, at 9 pm for a Silent Movie (the Academy Award winning "The Artist" outdoors at the NC Museum of Art. See the article in column three of this newsletter for more information.

Other Upcoming Events:

Aug 11 – Breakfast at Perkins in Apex – 9:30 AM
Aug 25 – Walk4Hearing Kick Off in Winston Salem
Sep 27 – Program meeting – Personal Stories. Place TBD
October 13 – Walk4Hearing in Winston Salem
Nov 15 – Triangle Wide Meeting – Technology. Place TBD
Dec 2 – Holiday Social – Travinia Italian Kitchen and Wine Bar

2012 NC-Walk4Hearing

SAVE THE DATE! For our second North Carolina Walk4Hearing on October 13, 2012. The Walk will be in Clemmons, NC, near Winston Salem this year in a beautiful park called Tanglewood. Should be a great day.

HLA-Wake Now Has 3 Teams:

We’d love to have more HLA-Wake members join the HLA-Wake team, but even if you can’t walk in Oct, you can make a donation to one of the walkers. It’s a terrific way to recognize the value of HLAA and Wake Chapter.

It’s easy to join a team or donate on-line. Just click to one of the links below to bring up that team’s page.

- HLA-Wake Team
- Beethoven’s Brigade
- Here Come the Heels

You can donate at these secure web sites via credit card or you can write a check or give cash to

- Janet McGettrick
- Julie Bishop
- Or Joyce Adler

They can give you a receipt.

Depending on your tax situation, donations may be tax deductible so that’s a good way to “pay it forward” and support HLAA and North Carolina’s State Association and local chapters.

There’s still time to start a team of your own, help identify and recruit potential sponsors or affiliate teams. For more information see our HLA-NC Walk Web Page

That page explains and links you to all the resources so you can

- Starting a team
- Joining a team
- Walking as an individual
- Donating to a team
- Becoming a Sponsor
- Becoming an Affiliate

Don’t miss this opportunity to help HLAA at the National, State and Local Chapter level. It’s a cause worth supporting.

Hearing Loss Association of America is the largest non-profit for people with hearing loss in the world. The Wake Chapter meets in Raleigh, NC. Meetings are free and open to the public. Come and learn how you can make the most of your hearing (or how you can help

Who Should Be Involved

People with hearing loss, their family, friends and hearing healthcare professionals are encouraged to participate Hearing Loss Association of Wake County. Make the most of your hearing.

Don’t Miss Attachments!

Page 2: Introduction to Bluetooth for hearing aids
Page 3,4 : NC Museum of Art Summer Movie Series Policies

Join Us for a Silent Movie

The NC Museum of Art is planning to show the academy award winning silent, black & white movie, “The Artist” outdoors on the wall of the museum this summer.

Whether you’ve seen it or not, please save the date and plan to join other HLAA members for a (weather permitting) party as we enjoy this great movie.

Bring blankets, drinks and snacks and let’s have a party. See page 3 for Summer Movie Policies

The movie is scheduled for 9 pm on Friday, 27 July.

Imagine how great it will be to watch a movie and actually understand it all without any need for hearing aids, cochlear implants or assistive devices. It’s free for Museum members; and $4 for others.

HLA Wake Contacts

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What you need to know about BlueTooth

Bluetooth is a digital radio protocol that allows short distance two-way communication between paired devices. It’s most commonly used for cellphones, but the technology is also being applied to connect accessories like mice, keyboards and printers to computers, music players and hearing aids.

Bluetooth is secure, but it doesn’t “broadcast”. It can only communicate with one person’s Bluetooth device at a time. It’s “personal” not a “system”.

You may have heard about “Bluetooth hearing aids”. But it’s important to understand that there are no “Bluetooth Hearing aids”. Bluetooth is pretty power hungry so it’s unlikely we’ll see hearing aids that have Bluetooth capabilities built-in.

But there are ways we can use Bluetooth to support hearing aids and cochlear implants. There are solutions that work with standard telecoils and new digital solutions that only work with particular hearing aid brands.

Proprietary Bluetooth for Hearing Aids

Bluetooth accessories that can communicate with particular models of hearing aids of that brand. These accessories are only available in relatively higher priced models, but adding the Bluetooth accessories only costs a few hundred dollars extra once you have compatible hearing aids.

These typically involve having a neckloop with a pendant that is Bluetooth capable. That means the pendant can be paired with one or more Bluetooth transmitters.

Most cell phones and music players (like iPods etc) and many computers are now Bluetooth compatible, so you may want to consider buying a Bluetooth transmitter that can be connected to regular phones and TVs so the pendants can also be paired with them.

These proprietary solutions have some advantages and disadvantages over the standard telecoil compatible Bluetooth pendants:

1. They are true stereo; if you have two aided ears, you will hear separate channels on each side.
2. They transmit the signal to your hearing aids digitally and magnetically so they are not subject to standard EMI.
3. They also usually have remote controls for the hearing aids built into their pendants.
4. They can’t hear a standard analog loop.
5. They are more expensive than standard Bluetooth.

Summary and Recommendations

If you currently have hearing aids with telecoils or relatively new CIs then you can add a Bluetooth loopset that will let you hear most cellphones, music players or many computers. You can also purchase relatively cheap transmitters to make your other devices such as TVs, or regular phones Bluetooth compatible.

If you have a brand that offers proprietary Bluetooth accessories, you can buy their “Gateway” or “Streamer” and hear paired devices better.

When you buy new aids you may want to consider a brand that offers a proprietary Bluetooth option.

Also note: Bluetooth does introduce a slight delay in the signal that can make it hard to speechread.

Although those proprietary pendants communicate magnetically, they can’t hear a standard loop, so you may want to choose a brand that has both a Bluetooth option and a standard telecoil. Don’t let anyone tell you that Bluetooth is replacing old telecoil technology. You can have both.

Bluetooth Pendants for Standard Telecoils

For about $100, you can buy a Bluetooth loopset that will work with any hearing aid or CI that has standard telecoils. A “loopset” is just a neckloop with a microphone built in.

About 60% of hearing aids sold in the US have a standard telecoil, and all cochlear implants now available have telecoils.

These telecoils allow hearing aids and CIs to hear the magnetic signal emitted by the loopset. The microphone in the loopset can send your voice to a paired cellphone. Since standard telecoils and these types of Bluetooth loopsets are analog they are like standard neckloops and have two limitations:

1. They are not true stereo. You would hear the same signal in both ears assuming you had telecoils in both hearing aids (or CIs).
2. They are subject to Electromagnetic Interference (EMI) if you are near a source of EMI.

There are many different brands of Bluetooth pendants that can transmit to standard telecoils, but here’s an image of one particular brand:
**HLA-Wake Summer Event:**
Join HLA-Wake Chapter for a summer outing at the silent movie to be shown on the evening of 27 July. This is an ideal event for us, since we can enjoy an Academy Award Winning movie with friends without worrying about not hearing well. This is an outdoor movie, so you’ll need to consider the weather, and the Museum policies listed below.

**The Artist**

Friday, July 27 | 9 pm  
$4, Members free

(2011) Written and directed by Michel Hazanavicius. Jean Dujardin, Bérénice Bejo, James Cromwell, and Uggie the dog. (100 min.) PG-13

Dashing George Valentin thinks talkies are a passing phase, and his career sinks in quicksand as ingénue Peppy Miller’s career skyrockets. *The Artist* is steeped in the lore of silent film, from the art deco L.A. locations to the Brussels Jazz Orchestra score and the clever sound effects. The result is a miracle: Oscar’s Best Picture is a French silent film.“A touching and slightly daffy expression of unbridled movie love”—*New York Times*.

**Policies**

**Food and Beverage Policy**

- Coolers, ice chests, picnic baskets and bags, and plastic storage containers for transporting food and ice are allowed.
- Only sealed beverage containers are permitted. All beverage containers must be sealed with the manufacturer's seal. Plastic pitchers, coolers filled with beverage, filled cups, and plastic drinking bottles are not permitted.
- No glass containers are permitted.
- Parents may bring baby bottles or sippy cups for young children.
- Visitors may not bring alcoholic beverages of any type into the Museum Park.
- Beer and wine are available for purchase at all outdoor concerts and movies.
- You must be at least 21 years of age to consume wine or beer on the premises. IDs are checked at the gate.
- The Museum reserves the right to inspect all containers brought onto the premises.

These policies are designed to make a visit to our Park Theater a safe, relaxing, and enjoyable experience for everyone. We sincerely appreciate your cooperation.

**Museum Park Theater Guidelines**

- Blankets and folding chairs are permitted for lawn seating.
- Pets are not allowed on the premises.
- Smoking is permitted in designated areas only.
- Public restrooms and water fountains are located at the bottom of the entrance walkway, to the left and behind the concession stand.
Safety Guidelines

- In case of emergency, contact a uniformed security officer.
- Emergency medical care is available at all Museum Park Theater concerts and films, courtesy of Rex Healthcare's Emergency Response Team. The ERT is stationed at the entrance to the Museum Park Theater.
- Walkways and stairs must be kept clear. No seating or standing permitted

Weather Policy

Concerts take place rain or shine, unless conditions endanger the safety of artists and the public. Concert-goers may call the Museum Box Office at (919) 715-5923 to check the status of a concert if inclement weather is pending.

Refunds will not be issued due to weather unless the show is canceled and the headlining performer completes fewer than 30 minutes of the scheduled performance. Refunds, if issued, will be for the face value of the ticket. If a show is canceled, refunds may be obtained by returning the tickets to the Museum Box Office by mail.