



Hearing Loss Association of America

COLORADO

September 2011

Best HLAA State Newsletter Award 2009
Serving HLAA Members and Friends in Colorado

<http://www.hearinglosscolorado.org>

Colorado Walk4Hearing Walk May 21, 2011



Brenda Battat with Joan de Graaff



Reed Doughty, National Honorary W4H chair with a fan



Speakers just before the walk



The Walk begins!



The Walk under scenic skies

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Hearing Loss Association of Boulder

By Christie Nudelman, Boulder HLA Chapter President

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We are ready to kick off our fall meetings again! Please join us on Sept 17th from 10:30-12:30 at the Boulder Meadows Library. We will have a “bagel fest” to welcome everyone back to the fall meetings and hope to see some new faces too! Our speaker will be Christine Pett with MedEl. Social time from 10:30 -11. Speaker from 11-12:30. We hope to see you there!



Volunteers Needed

Seeking volunteers for website chapter updating and new membership recruiting activities. Please respond to Christie_nudelman@comcast.net if you are interested in helping out where you can. More details will be provided. Nothing is expected or demanded; opportunities will be matched to availability, interest and need of the chapters. ☐

Now You're Talking!

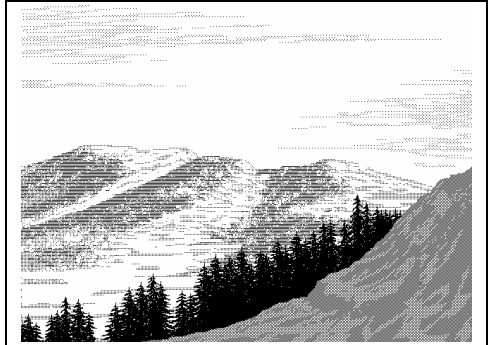
April 11, 2011
posted by [Parri T - Awareness Network Manager](#) (on Cochlear Community online)

Google has developed speech-recognition technology that actually works. By Farhad Manjoo Posted Wednesday, April 6, 2011, at 4:36 PM ET

If you've got an Android phone, try this: Hit the microphone icon on the home screen, then ask, "How many angstroms in a mile?" Use your normal speaking voice—don't speak slowly or strain to over-pronounce "angstrom." So long as you have a good Internet connection, the phone shouldn't take more than a second to recognize your question and shoot back a reply: 1.609344 × 10¹³.

This works with all kinds of queries. Say "what's 10 times 10 divided by 5 billion" and the phone will do math for you. Say "directions to McDonald's" or read out an address—even a vague one like "33rd and Sixth, NYC"—and Android will pull up a map showing where you want to go. It works for other languages, too: Android's Translate app (also available for the iPhone) will not only convert your English into spoken French (among several other languages) but also has a "conversation mode" that will translate the French waiter's response back into English. And if that's not enough, Android lets you dictate your e-mail and text messages, too.

Go to website for the rest. <http://www.slate.com/id/2290516/> ☐



Hearing Loss Association of Colorado

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- HLA of Fort Collins Chapter**
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To submit a news item, article, clipping, story, book review, new product, personal/general member news, etc., please contact Karen Keil, P. O. Box 472704, Aurora, CO 80047-2704 by mail or by home phone by calling CapTel 1-877-243-2823, then put in 303-363-8917 or E-mail: kkeil75@yahoo.com. (Please include source, date (and page number if possible).)

Submission deadline for October 2011 newsletter: no later than Sunday, September 25th at 9:00 pm. The newsletter is mailed at least 10 days prior to Colorado Springs monthly meeting.

A major objective of HLAA is to develop a constituency of hard of hearing people. This cannot be achieved without members throughout the U.S. Members of HLAA groups and chapters should be members of HLAA National to help accomplish the goals that will benefit all hard of hearing people and at the same time receive the benefits of that national membership.

- Individual:** \$35/USA, \$35/Canada/Mexico, \$45/Overseas (via airmail).
 - Professional:** \$35/USA, \$45/Canada/Mexico, \$55 /Overseas (via airmail).
- (Other types of memberships include **Library, Non-Profit Organization** and **Organization**, etc.)

For information, send a SASE to HLAA, 7910 Woodmont Ave., Suite 1200, Bethesda, MD 20814.

Quote of the month

Success is not the key to happiness. Happiness is the key to success.
--- Herman Cain, newspaper columnist



Colorado Springs Chapter

By Chris Hampton, President



We have been having wonderful meetings with a lot of people transforming their lives because of the support and education we have been providing.

Our next meeting will be at the Mission Medical Clinic, 2125 E La Salle Street. Colorado Springs, on September 10th. The meeting starts at 1 PM and we will be demonstrating the **new CaptionCall** phone, and a special representative from Caption Call (along with another person from there) will be there to answer questions about it.

COLORADO SPRINGS CHAPTER

When: Second Saturday at 1:00 PM January-October
Where: Mission Medical Clinic, 2125 E La Salle Street, Colorado Springs, CO
Chapter Contact: Chris Hampton
e-mail hampton116@gmail.com □

Hearing Aid Tax Credit Legislation Introduced in U.S. Senate

Senator Tom Harkin (D-IA) has introduced the Hearing Aid Assistance Tax Credit Act (S.1019) which will provide the opportunity for an individual to receive \$500 per hearing aid tax credit every five years. The bill is similar to H.R. 1646, introduced earlier this year by Representative Carolyn McCarthy (D-NY). The House bill, however, limits access to the tax credit to children and individuals over the age of 55 whose income does not exceed \$200,000, whereas the Senate version is inclusive to all individuals, regardless of age or income.

Please contact both your members of Congress in the House and Senate and ask that they support this important legislation.

Source: **Mountain Peak Hearing Associates, Inc.**, Vol. V, Issue 1, Summer 2011 □



Hearing Loss Association of Denver. Chapter meeting NO MEETING for September 24th at 1000 E. Englewood Pkwy, Englewood Civic Center. 1:00 pm for socialization and greeting one another. 1:30 pm program.

Hope you all had a nice summer. We had our annual social get together at Brio's restaurant in Cherry Creek shopping mall. Nice time, good food, very fine facility, and private room.

We will not have our Chapter meeting in September as the Marion Downs Center is hosting a full program at the Ben Nighthorse-Campbell Cultural Arts Center also on the 4th Saturday of the month. This is a superb facility and everything will be captioned! This will be a full morning's program.

The presentations will be packed with lots of the latest on hearing aids, assistive listening devices, Bluetooth, and a panel discussion from Chapter presidents from around the State. Full details on these workshops will be in the flyer insert elsewhere in this newsletter. For those not able to attend the national HLAA convention this will be like attending mini convention AND it is all free to our members! Mark your calendar now.

Photos from Luncheon



Chapter Contact: Dave Conant 303-777-2279 voice | Membership Contact: Marjorie von Frantzius 303-368-7838 voice □

**HLAA Chapters in Colorado
COLORADO**

CO – STATE CHAPTER
 COORDINATOR : Debbie Mohney e-mail HLAAColorado@yahoo.com
 Ph 303-938-9659
 (Note: Please notify me if you aren't able to reach your chapter contact)
State website:
<http://www.hearinglosscolorado.org>

Join the Hearing Loss Association of America e-mail E-News:
<http://www.hearingloss.org/membership/Sen.asp>

BOULDER CHAPTER (Boulder)
 When: Third Saturday of Month at 10:30 AM, Sept. - May
 Where: Meadows Branch Library, 4800 Baseline Road, Suite C-112, Boulder, CO 80303
 Chapter Contact: Christie Nudelman e-mail hlaaboulder@yahoo.com

CENTRAL DENVER CHAPTER
 When: Fourth Saturday of Month at 1 PM, no meeting July/August (special event in Sept. and Dec., date TBA)
 Where: Englewood Public Library Anderson Conference Room 1000 E. Englewood Pkwy in Englewood Civic Ctr.
 Chapter Contact: Dave Conant Ph 303-777-2279 e-mail DCONANT2279@MSN.COM

COLORADO SPRINGS CHAPTER
 When: Second Saturday at 1:00 PM January-October
 Where: Mission Medical Clinic, 2125 E La Salle Street, Colorado Springs, CO
 Chapter Contact: Chris Hampton e-mail hampton116@gmail.com

WESTERN COLORADO CHAPTER
 When: First Saturday at 10:30 AM Sept – May
 Where: Center for Independence, 740 Gunnison Ave, Grand Junction, CO 81501
 Chapter Contact: Amy Beckett e-mail ajmelnick@hotmail.com or hlaawco@gmail.com
 Ph 970-241-2592

Updated: 09/09/2011

OPEN-CAPTIONED MOVIE TITLE (OC) RWC = Rear Window Captions ST = subtitles CV = CaptiView * = may play beyond	LOCATION (See http://www.regmovies.com/nowshowing/opencaptionedshowtimes.aspx#CO and http://www.insightcinema.org/links.html for latest info), see also http://www.captionfish.com to find open/closed captioned movies	DATES
NOTE: If you wish to get the latest e-mail updates on open-captioned movies in Colorado, please send e-mail to kkeil75@yahoo.com to be added to the mailing list. Please see links above for latest updates.		
Grand Junction		
The Debt	Regal Cinemas Canyon View Stadium 14	Sept. 9-15 OC
Golden (Lakewood)		
The Debt	UA West Village Stadium 12	Sept. 9-15 OC
Broomfield		
NA	AMC Flatiron Crossing 14	NA
Lakewood/Littleton		
Columbiana	Colorado Mills Stadium 16	Sept. 9-15 OC
The Debt	UA Meadows 12, Littleton	Sept. 9-15 OC
Bucky Larson: Born to Be a Star	Century 16 Bel Mar And XD – Lakewood	Sept. 9-14* CV
Columbiana	Century 16 Bel Mar And XD – Lakewood	Sept. 9-14* CV
Contagion	Century 16 Bel Mar And XD – Lakewood	Sept. 9-14* CV
Cowboys and Aliens	Century 16 Bel Mar And XD – Lakewood	Sept. 9-14* CV
Crazy, Stupid, Love	Century 16 Bel Mar And XD – Lakewood	Sept. 9-14* CV
Rise of the Apes	Century 16 Bel Mar And XD – Lakewood	Sept. 9-14* CV
Shark Night 3D	Century 16 Bel Mar And XD – Lakewood	Sept. 9-14* CV
The Debt	Century 16 Bel Mar And XD – Lakewood	Sept. 9-14* CV
The Help	Century 16 Bel Mar And XD – Lakewood	Sept. 9-14* CV
The Smurfs	AMC Highlands Ranch 24, Littleton	Sept. 9-14* RWC
Colorado Springs		
Contagion	Hollywood Theaters-Interquest Stadium 14	Sept. 13 OC
Bucky Larson: Born to be a Star	Hollywood Theaters-Interquest Stadium 14	Sept. 9-15* CV
Cowboys and Aliens	Hollywood Theaters-Interquest Stadium 14	Sept. 9-15* CV
Rise of the Planet of the Apes	Hollywood Theaters-Interquest Stadium 14	Sept. 9-15* CV
Shark Night 3D	Hollywood Theaters-Interquest Stadium 14	Sept. 9-15* CV
The Debt	Hollywood Theaters-Interquest Stadium 14	Sept. 9-15* CV
The Help	Hollywood Theaters-Interquest Stadium 14	Sept. 9-15* CV
Bucky Larson: Born to Be a Star	Cinemark Tinseltown – Colorado Springs	Sept. 9-15* CV
Captain America	Cinemark Tinseltown – Colorado Springs	Sept. 9-15* CV
Columbiana	Cinemark Tinseltown – Colorado Springs	Sept. 9-15* CV
Contagion	Cinemark Tinseltown – Colorado Springs	Sept. 9-15* CV
Cowboys and Aliens	Cinemark Tinseltown – Colorado Springs	Sept. 9-15* CV
Crazy, Stupid, Love	Cinemark Tinseltown – Colorado Springs	Sept. 9-15* CV
Harry Potter and the Deathly Hallows: Part II	Cinemark Tinseltown – Colorado Springs	Sept. 9-15* CV
Rise of the Planet of the Apes	Cinemark Tinseltown – Colorado Springs	Sept. 9-15* CV
Shark Night 3D	Cinemark Tinseltown – Colorado Springs	Sept. 9-15* CV
The Debt	Cinemark Tinseltown – Colorado Springs	Sept. 9-15* CV
The Help	Cinemark Tinseltown – Colorado Springs	Sept. 9-15* CV
The Smurfs	Cinemark Tinseltown – Colorado Springs	Sept. 9-15* CV
Boulder/Denver		
Bucky Larson: Born to Be a Star	Century Boulder, 1700 29 th St.	Sept. 9-15* CV
Columbiana	Century Boulder, 1700 29 th St.	Sept. 9-15* CV
Contagion	Century Boulder, 1700 29 th St.	Sept. 9-15* CV
Crazy, Stupid, Love	Century Boulder, 1700 29 th St.	Sept. 9-15* CV
Harry Potter and The Deathly Hallows: Part II	Century Boulder, 1700 29 th St.	Sept. 9-15* CV
Rise of the Planet of the Apes	Century Boulder, 1700 29 th St.	Sept. 9-15* CV
Shark Night 3D	Century Boulder, 1700 29 th St.	Sept. 9-15* CV
The Debt	Century Boulder, 1700 29 th St.	Sept. 9-15* CV
The Help	Century Boulder, 1700 29 th St.	Sept. 9-15* CV
Westminster		
The Smurfs	AMC Westminster Promenade 24	Sept. 9-15* RWC

Mohney's Musings

By Debbie Mohney, HLAA Colorado
State Coordinator

A whole summer has come and gone, and the hearing loss activities just kept coming! I attended the Hearing Loss Association of America Convention in Washington, DC, followed immediately by the 2nd International Hearing Loop Conference. "Wow!" is all I can say at all of the information! At the time I was going to the workshops and the exhibit hall, I was gathering as much new information as I could, and ended up totally overwhelmed by all of the technology and programs out there.

A new captioned telephone was displayed at the conference named CaptionCall. It is a new alternative to CapTel. Both the CaptionCall and the CapTel 800i utilize high speed internet, and both require a phone line. So there are now two choices available. Plus you can also choose to use internet CapTel with a high speed internet connection and using any phone for free. And there are now android apps to download to use Captel on a smartphone where you can surf and talk at the same time. Hamilton Relay, Sprint WebCaptel, Clear Captions. Wow, choices, choices!!

I attended one workshop that was solely about smartphone apps. If you are still using a regular cell phone, these apps are mind boggling! You can also use iTunes apps on an iPod Touch and iPad, as well as other similar devices that can use android apps. Some of the ones I heard about: *Evernote* – capture pictures and text from web, *Weather Alert USA* for traveling from NOAA, \$2 worth the cost if concerned about weather. *DeafNote* – use it like a pad and paper. There are several apps that allow you to test your hearing, *uHear* is a free one from Minitron, Siemens has a free hearing test as well, as *NOWiHEAR*. *Ear Trumpet* \$2.99, which an ENT student developed for audiologists and physicians, helps to improve hearing through earphones. *Hearing Check* is a free check to see how much background noise. *Ling6* for \$1.99 is helpful to identify sounds. *SPL meter* \$.99 gives a rough idea on how much background noise. *Captionfish iPhone* app for movies. You can get lyrics to songs: *Instant lyrics Lite*, and *SoundHound* is

about 75% accurate in figuring out what song you are listening to. You can make phone calls through the internet using *Mobile Skype* or *Facetime* (from iTunes), but you have to have a front and back camera. And finally, you can use *Google Voice* to transcribe speech you are listening to (don't know the accuracy rate on this one).

In August, I learned that Cinemark Theaters, which includes several theaters in Colorado, including the Century Theater in Boulder, have or will soon install a new digital system that includes CaptiView, a digital captioning system. The system provides captions for any movie supplied with captions, and you have to pick up a unit from customer service to use. While the unit looks similar to the Rear Window system, it is a digital syncing system that displays the captions on the LED unit contained in the device.

I have attended two movies in Boulder, "Rise of the Planet of the Apes" and "The Help" using this new captioning unit, and have enjoyed both movies. I was able to go to the showing of my choosing, time and day! Wow! While there will be glitches, one of the units didn't have enough battery power to start the movie and had to be exchanged, this system worked well for me. Here is a link to see what the system looks like:

<http://www.doremilabs.com/products/cinema-products/captiview/>

or

<http://tinyurl.com/captiview>

Please note that not every movie comes standard with captions. Most of the major studios send captioning, but most independent films will not. I would recommend that you check with the theater BEFORE buying your ticket, and choosing 2 or 3 films around the same time so that you don't make the trip for nothing. Also, there are 8 units available in Boulder, but the theater is supposed to be able to arrange for more with enough advance notice. Compared with no captioning available, this makes it very exciting to go to the movie theater! I'd like to see if we can get a group showing sometime. Is anyone interested?

Mark your calendar to attend the *Consumer Hearing Loss Workshops* at the Ben Nighthorse Campbell Center at Fitzsimmons campus 9am to 12pm, on Saturday, September 24, 2011. Check

in will start at 8:30am. To RSVP, e-mail mdhc@uch.edu or call 720-848-3042.

We had a wonderful time at the Walk4Hearing in May! Thank you to Christie Nudelman and our Walk4Hearing Committee for their hard work on the Walk4Hearing in 2011. It was beautiful weather and everyone had a great time. Reed Doughty from the Washington Redskins is the National Honorary Walk Chair and he was at the Walk with his Dad and two sons; everyone enjoyed meeting him! It's great to have someone who is willing to be so open about his hearing loss, and the struggles that we all go through. We raised over \$32,000 this year. 50% of that money goes to our national programs and 50% stays local. The *Hearing Loss Workshops* are being supported with these funds along with other local programs. If you would like to join our Walk4Hearing Colorado planning committee, please let me know! As we grow, we need your help! □

Denver Center for the Performing Arts (DCPA) Open-Captioned Live Shows

Captioned Live Showings Coming up in 2010/2011/2012 at Buell Theatre

Hair.....Oct 16 at 2pm

The Lion King.....Dec 4 at 1pm

West Side Story...Jan 1 at 2pm (2012)

Please come and support this open captioning effort!

Tickets

Voice: (303) 893-4100

TTY: (303) 893-9582

Online: www.denvercenter.org

If you wish to get updates on these shows and any other shows in e-mail, please send e-mail to

kkeil75@yahoo.com to be put on the
Captioned Movies and Shows e-mail list.

From the DCPA: Because Open Captioning uses a text display at the side of the stage, it is important that you alert our box office staff that you would like this service. This way we can ensure your seats are in the optimal location. Contact the Denver Center Box Office at (303) 893-4100; (800) 641-1222 or TTY (303) 893-9582. □

Denver Center for the Performing Arts (DCPA) ASL Sign Language Interpreted and Audio Description Live Shows

The Denver Center for the Performing Arts provides American Sign Language (ASL) interpretation and Audio Description of all of our productions on select dates. We invite persons who are Deaf or Hard of Hearing to join us for these plays and we will seat you in an optimal location to view the interpreters and the stage.

When you purchase your tickets, please alert our box office staff that you would like ASL interpretation, so that we can secure appropriate seats.

Blind or low vision patrons can check out assistive listening devices for the Audio Description and large print versions of the Applause program magazine at the patron services desk in the Bonfils Theatre Complex and through house management at the coat check in the other theatres (photo id required).

For a Braille script, please call 303.893.6003 or contact jalexander@dcpa.org at least two weeks before the performance.

Hair.....Oct 16 at 2pm
The Lion King.....Dec 4 at 1pm
West Side Story.....Jan 1 at 2pm (2012)

Should you need assistance in ordering tickets to these programs, contact us at 303.893.4100, 800.641-1222 or TTY 303.893.9582. □

Marion Downs Center

First Campus Connections - Huge Success!

Ten campers, three Camp Leaders, and numerous staff and volunteers spent two days at University of Colorado, Boulder campus on July 22-23 for *Campus Connections*. In a

communication-accessible environment, each teenager spent the time immersed in information about resources, skills, and tools that would support their transition to college. We had an amazing line-up of speakers including Susan Elliott (2009 Colorado Teacher of the Year), Candice Alder of the Rocky Mountain ADA Center, and Rob Loveless of the Colorado Commission for the Deaf and Hard of Hearing. Each camper (and Camp Leaders and staff and volunteer!) learned so much about their ADA rights as students with a hearing loss, was inspired to be the "first-rate version of themselves", and to always say "WE" need an interpreter or CART. Communication is a two-way street, right?



For more pictures of *Campus Connections*, follow this link below: <http://tinyurl.com/CampusConnections>

Thank you to the many volunteers, sponsors, and staff members who contributed to the planning and implementation of this event. Without your hours of work and passion, this program would not have been possible.

Source: **Sound Off** email newsletter, Marion Downs Hearing Center, August 1, 2011 □

Campus Connections YouTube Video Now Available!

We're excited to release our YouTube video of the Teen Program *Campus Connections* summer camp that took place this past July. Enjoy!

<http://www.youtube.com/watch?v=mtpAKd3f7wU>

Source: **Sound Off** email newsletter, Marion Downs Hearing Center, September 2, 2011 □

Western Colorado Chapter Free Monthly Meeting No Meeting for September 2011

The Western CO Chapter is not having a meeting is September.

Maintaining Your Independence: Hearing Loss Association of America Western Colorado Chapter Free Monthly Meeting Saturday, Oct. 1, 2011

Our next meeting is Saturday, Oct 1, 10:30-12:30 at the Center for Independence, 740 Gunnison Ave, Grand Junction, CO. We will be watching and listening to an interesting and captioned webinar from the national HLAA website. For more information contact Amy Beckett, 970-241-2592 or HLAAWCO@gmail.com.

Our chapter meetings are held the first Saturday of the month, 10:30-12:30 at the Center for Independence.

RSVP's are not required but appreciated
Amy Beckett: HLAAWCO@gmail.com
Or 970-241-2592 □

A Camp Leader's Experience at *Campus Connections*

by: Andrew Couch

"Always be a first-rate version of yourself," Judy Garland. As a (relatively) young adult with hearing loss, I can especially appreciate what these words mean to other individuals with hearing loss. I heard these words, along with ten campers and two other camp leaders, during the Marion Downs Hearing

Center's first annual Campus Connections. Campus Connections, a summer camp, was organized with the primary intent of preparing the teenagers for the unique obstacles they will face in college, while also including the pleasant memories that result from an overnight camp with individuals like you. The campers were all going to be juniors or seniors in high school, and their communication strategies ranged from completely oral to nearly complete ASL.

During the camp, I had the unique perspective of evaluating the worthiness of each session throughout the camp because I just graduated from CU-Boulder last December. In my opinion, the most effective lesson was demonstrated by Professor Phillip Gilley. The ten campers were taken into CHEM 140, which is used to teach the basic science courses required by nearly every major on campus. Due to the general requirements, the classes here tend to be enormous; the room seats over 400 students. The campers sat in various distances from the blackboard and after five minutes of listening to a lecture, were asked to evaluate how comfortable they felt following the lecture. Most students ended up moving forward. It was difficult understanding the professor with just the distance barrier, but add in over 400 coeds chatting at the same time and it would seem at times impossible to hear the lecturer. After moving to a much smaller classroom, the students instantly noticed the difference and learned how much the average class size of any college can drastically impact the quality of the education that they receive.

Other lessons touched on legal rights, the value of a college degree and the importance of one's self esteem.

The lectures were extremely interesting, not only to the campers, but also to the camp leaders who had never had the opportunity to participate in a summer camp like this one. Of all the lecturers we saw (over 20 adults living with some degree of hearing loss!) the three that most stood out were Rob Loveless, who demanded we "never apologize for being deaf!". Susan Elliott, an extremely entertaining teacher for the deaf who gave us the Judy Garland quote, and Candice Alder, who explained just how extensive our rights are under the Americans with Disabilities Act.

I know the campers would definitely want me to mention how much fun it was talking to each other. Within the first hour of meeting each other, we relaxed our social "walls" and began to communicate to each other in whatever way it took. Rafael, a camper who communicates primarily through ASL, is quite the comedian and cracked jokes about everyone in voice, ASL and sometimes both. We thoroughly enjoyed hanging out with each other while rock-climbing, playing volleyball and playing a version of charades that included a lot of running. While we learned a lot from the lectures, I feel we gained just as much from being around each other (if only for 33 hours!)

Can I do it again?

Andrew Couch was one of our three Camp Leaders, current college students who are deaf or hard of hearing. In August, he will begin his Doctorate of Audiology program at University of Arizona. Good luck, Andrew!

Source: Sound Off email newsletter, Marion Downs Hearing Center, August 1, 2011 □

Fort Collins HLA Chapter Meeting

The Hearing Loss Association of America, now forming in Fort Collins, will not have a meeting in September. Members are encouraged to check into the workshops on September 24th (see flyer insert and information in this newsletter).

For future meetings or information, contact Don Willson. The Fort Collins chapter has its monthly meeting at Rigden Farms on the last Saturday of the month at 3:00 PM.

**Last Saturday of the month
3:00 PM
Rigden Farm Senior Living
2350 Limon Drive, Fort Collins, CO
80525**



□

A Fact about Movies and Captioning

According to the DOJ, some 88% of first-run movies today are available with captions. Yet captions are actually deployed for fewer than 1% of the movie showings. As DOJ notes, studios have made tremendous strides towards making movies accessible, but the theaters themselves have not done their part.

(Quoted by HLA of CO editor from the article, *Movie Captioning Action Comes to California - Part One* by John Waldo, printed in *HOH-LD-News*, Vol. 45, Issue 13, December 25, 2010, Copyright (C) 2010 Hearing Loss Web, LLC. All rights reserved.)

Some Definitions of Hearing Aid Terms from CONSUMER'S GUIDE TO HEARING AIDS

Audiogram – a graph on which to record the auditory threshold by frequency of a patient's hearing.

Auditory nerve – connects the inner ear and the brain; serves in hearing and balance.

Bluetooth wireless technology – allows digital hearing instruments to communicate wirelessly.

Cochlea – part of the inner ear that is shaped like a snail. Vibrations in the fluid-filled cochlea cause tiny hair cells to vibrate and generate nerve impulses that then travel to the brain.

dB – decibel, a unit for measuring and describing sound intensity or loudness; named after Alexander Graham Bell.

digital hearing aid – an instrument that converts the electric signal from the microphone to digital values for processing, then converts them back to electric signals for the ear.

Frequency – the number of complete oscillations per unit of time, measured in number of cycles per second and expressed in Hertz (Hz).

Gain – the amount in dB that the sound has been increased.

Gain reduction – used in multi-channel hearing aids to automatically lower the gain in a specific channel in order to control feedback.

Kneepoint – also called compression threshold. It is the point, in sound decibels, that a compression circuit begins to reduce the gain. Some circuits allow this point to be digitally

programmed, being customized to the user's need.

Prebycusis – a sensorineural hearing loss related to aging.

Remote volume control – wireless, remote control device that allows the user to adjust the hearing aid.

Telecoil – an induction coil in a hearing aid which picks up the electromagnetic signal from a telephone or loop amplification system.

Threshold –the level above which the subject gives a positive response and below which the subject does not give a response.

Vent – a hole drilled the length of an earmold or ITE shell to allow sound to escape.

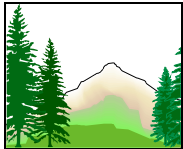
Wireless technology – technology that allows digital instruments to wirelessly communicate information. □

Suggested by Marjorie Von Frantzius



The new CaptiView cinema caption device. The bottom part is inserted into the seat arm cup holder. The flexible long

pole is adjusted to position the viewer (with the captions displayed on it) for the person's most comfortable viewing position. □



Hearing Loss Association of Colorado

Karen Keil, Editor
P. O. Box 472704
Aurora, CO 80047-2704

Note to those on Boulder Chapter Mailing List

Check your mailing label for the numbers after your name. This is the year and month of the last newsletter you will receive. Please pay **\$15/year fees** to continue receiving the News. Checks are payable to HLA Boulder, and sent to Karen Keil, P. O. Box 472704, Aurora, CO 80047-2704. □