

November 2013

Hearing Loss Association of America

North Shore Chapter of Long Island

Meeting Location

Long Island Jewish Hearing & Speech Center is located on the grounds of the Long Island Jewish Medical Center.

Enter the grounds from LAKEVILLE ROAD and it is the first building on your left. Free parking is available behind the hearing and speech building: first entrance to parking lot after building. DO NOT go into the main parking building. Go to the Conference room on the Lower Level
270-05 76th Avenue
New Hyde Park, NY
11040.

If you are in doubt as to whether there is a meeting, or if you'd like further information, please call Sal: 718-479-1098.

FYI

Assistive Listening Devices (ALD) are provided at our meetings. Headphones are available in the back. This room is Looped, so those who have hearing aids/cochlear implants can put on their T-coil switch.

Meeting News

Wednesday, November 20, 2013

Refreshments and Social Time begins 6:30pm

Meeting begins 7:00pm

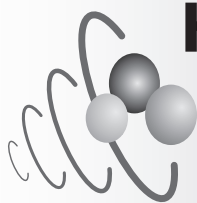
*Topic: "How Far Have Cochlear Implants
Come and How Far Can they Go"*

SEE LAST PAGE

Speaker: Jeanne Fredriksen

As the MED-EL Outreach Manager for the NE, Jeanne travels the region reaching out to schools, communities and clinics that serve individuals with hearing loss. She provides information about hearing loss, technology and rehabilitation. Her background in Deaf Education spans a career of more than 35 years and includes public and private school programs.

She has an undergraduate degree in Deaf Education from Eastern Michigan University, a graduate degree in Special Education from Temple University and another in Administration from University of Missouri. She taught in Michigan, Pennsylvania, and Missouri. She became a Special Ed. Director in Missouri and later worked as the Director of St. Joseph Institute for the Deaf in Kansas City, KS. She has been with MED-EL for 3 years.



Hearing Loss Association of America

North Shore Chapter of Long Island

**CART: REAL TIME
CAPTIONING**
Will be at the
November meeting.

*Don't miss it—you
won't miss a word!*

Chapter Planning Committee

HLAA North Shore Chapter
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Sturiale@verizon.net

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Meeting Reporter

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Fred & Ruth Wiener
Publicity

Silvia & David Siegel
Hospitality

Charles Kantor
Technology

Members:

Ruth Dunitz
Claire Fox
Hilda Polonet
Helmuth Mooreman

*HLAA of North Shore Long
Island does not necessarily
endorse the opinions of our
speakers, goods & services.*

Our Chapter

The speaker at the October meeting was Ruth Bernstein who gave a presentation on "Traveling with Hearing Loss." It was a very informative presentation, and she had lots of tips and useful information to share with us.

The best part of the presentation was the speaker herself. She was recounting many of her own experiences from her many travels. Some were very funny and some were not so funny, but all were about handling traveling with hearing loss. I am sure all of us have had an adventure or two – it's nice to know we're not alone.

Other things happening these days at the Chapter: We are looking for members to help with the few things that need to be done at our monthly meetings as well as in preparing for the meeting itself. If you have a little time to spend with the planning or would like to help at the meeting, please contact me or talk to me at our next meeting. It only takes a little time and it would be greatly appreciated.

We're also wondering what topics you, our members, would like to have addressed at the meetings. We try to find topics which will be useful and helpful to help cope with hearing loss, as well as other topics which concern us. If you can take a little time to send some suggestions or drop off a note at a meeting on a topic for future meetings, it would be very helpful.

Lastly, Chapter dues are due now. Our year starts in September, so if you haven't sent a check, please take care of it at you earliest convince.

Thank you for your support and attendance at Chapter meetings.

Sal Sturiale

CONVENTION



2014

Austin, Texas is the host city for Convention 2014, June 26 – 29. Start planning your trip now!

Convention 2014 Registration is OPEN! Early-bird rates will be available for HLAA members through Friday, January 31, 2014. Visit the Registration page for more details: <http://www.hearingloss.org/content/registration>. HLAA members receive registration discounts, so if you're not a member yes, why not join today?

Keynote Speaker Announced

Seeing that Austin is the Music Capital of the World, it seems especially fitting that the keynote speaker for Convention 2014 is music composer Richard Einhorn. His session is scheduled for Thursday, June 26, 5 p.m. – 6 p.m.

Convention Updates Be sure to check this page frequently for Convention news as well as on Facebook and Twitter (@HLAA, @nmacklin #HLAA2014).

Questions? Call Nancy Macklin, Director of Events at 301.657.2248 or email nmacklin@hearingloss.org.

HLAA Brings Movie Captions To AMC Theaters in Ny State

The Chapter's Hearing Accommodation Task Force and the HLAA national office jointly announced an agreement with AMC Theatres to improve access for patrons who are deaf and have hearing loss. AMC committed to providing closed captioning devices at each of its 24 theaters in NY State by August 31, 2014.

The agreement has already led to captioning devices being available at AMC's Manhattan theaters, such as the Empire on 42nd Street and the Loews Lincoln Square on the Upper West Side. Captioning systems are being installed at other multiplex locations as their auditoriums are converted from film to digital projection.

Look for a "CC" notation in newspaper and online listings, including Captionfish.com, or call the theater to confirm the availability of captioning before you leave home. Not every first-run English-language film is made available to the theaters with captioning and not all auditoriums showing a captioned film have the captioning systems.

UI Study Shows Fruit Fly is Ideal Model to Study Hearing Loss in People

Wednesday 4 September 2013 – 1am PST
<http://www.medicalnewstoday.com/releases/265599.php>

If your attendance at too many rock concerts has impaired your hearing, listen up.

University of Iowa researchers say that the common fruit fly, *Drosophila melanogaster*, is an ideal model to study hearing loss in humans caused by loud noise. The reason: The molecular underpinnings to its hearing are roughly the same as with people.

As a result, scientists may choose to use the fruit fly to quicken the pace of research into the cause of noise-induced hearing loss and potential treatment for the condition, according to a paper published this week in the online Early Edition of the journal *Proceedings of the National Academy of Sciences*.

“As far as we know, this is the first time anyone has used an insect system as a model for NIHL (noise-induced hearing loss),” says Daniel Eberl, UI biology professor and corresponding author on the study.

Hearing loss caused by loud noise encountered in an occupational or recreational setting is an expensive and growing health problem, as young people use ear buds to listen to loud music and especially as the aging Baby Boomer generation enters retirement. Despite this trend, “the molecular and physiological models involved in the problem or the recovery are not fully understood,” Eberl notes.

Enter the fruit fly as an unlikely proxy for researchers to learn more about how loud noises can damage the human ear. Eberl and Kevin Christie, lead author on the paper and a post-doctoral researcher in biology, say they were motivated by the prospect of finding a model that may hasten the day when medical researchers can fully understand the factors involved in noise-induced hearing loss and how to alleviate the problem. The study arose from a pilot project conducted by UI undergraduate student Wes Smith, in Eberl’s lab.

“The fruit fly model is superior to other models in genetic flexibility, cost, and ease of testing,” Christie says.

The fly uses its antenna as its ear, which resonates in response to courtship songs generated by wing vibration. The researchers exposed a test group of flies to a loud, 120 decibel tone that lies in the center of a fruit fly’s range of sounds it can hear. This over-stimulated their auditory system, similar to exposure at a rock concert or to a jack hammer. Later, the flies’ hearing was tested by playing a series of song pulses at a naturalistic volume, and measuring the physiological response by inserting tiny electrodes into their antennae. The fruit flies receiving the loud tone were found to have their hearing impaired relative to the control group.

When the flies were tested again a week later, those exposed to noise had recovered normal hearing levels. In addition, when the structure of the flies’ ears was examined in detail,

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Mystery Channel Identified That is Crucial For Hearing

Wednesday 4 September 2013 – 1am PST
<http://www.medicalnewstoday.com/releases/267907.php>

Our ability to hear relies on hair cells, sensory receptors that mechanically amplify low-level sound that enters the inner ear through a transduction channel. Although the transduction channel was characterized more than 30 years ago, researchers have been unable to identify its molecular components. A new study in the *Journal of General Physiology* could help lead to a definitive identification of this mystery channel.

Recent studies have suggested that members of the TMC family of membrane proteins are strong candidates as the components of the hair cell's transduction channel. Now, a team led by scientists from the University of Wisconsin Medical School provides evidence that the TMCs instead couple the transduction channel to tip links—the mechanical elements that provide directional sensitivity to hair cells - and are not the channel itself. This suggests that the transduction channel may be a membrane protein distinct from TMCs that only functions properly once other key molecules are expressed.

Whether or not TMCs turn out to be the transduction channel, the new results affirm that they play a central role in hair cell mechanotransduction. The work adds to evolving research aimed at understanding the cellular and molecular mechanisms that affect hearing.

UI Study Shows Fruit Fly is Ideal Model, *Continued from Page 4*

the researchers discovered that nerve cells of the noise-rattled flies showed signs that they had been exposed to stress, including altered shapes of the mitochondria, which are responsible for generating most of a cell's energy supply. Flies with a mutation making them susceptible to stress not only showed more severe reductions in hearing ability and more prominent changes in mitochondria shape, they still had deficits in hearing 7 days later, when normal flies had recovered.

The effect on the molecular underpinnings of the fruit fly's ear are the same as experienced by humans, making the tests generally applicable to people, the researchers note.

"We found that fruit flies exhibit acoustic trauma effects resembling those found in vertebrates, including inducing metabolic stress in sensory cells," Eberl says. "Our report is the first to report noise trauma in *Drosophila* and is a foundation for studying molecular and genetic conditions resulting from NIHL."

"We hope eventually to use the system to look at how genetic pathways change in response to NIHL. Also, we would like to learn how the modification of genetic pathways might reduce the effects of noise trauma," Christie adds.



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Dade County - (305) 864-3774
Broward County - (954) 472-2821
Palm Beach County - (561) 655-6844

Holiday Party

Our annual holiday party will be held
Wednesday, December 11 at 6pm
at Pier 25 Restaurant, 215-16 Northern Blvd, Bayside, NY

There will be a three-course dinner with tax and tip included for \$25.

There is free valet parking and wheelchair accessibility at the restaurant.

Please contact
Ruth Dunitz at the next meeting, or call her at
718-225-6577, or mail your check to Ruth at:
57-21 224th Street,
Bayside, NY 111364.

She can provide directions if needed.

You can also get directions from Google Maps, using the restaurant address (above).

Join in the fun! Hope to see all of you there.

We Welcome All Donations

Please make checks payable to: HLAA
North Shore of L.I.

Mail to: Sal Sturiale
8038 212 Street
Queens Village, N.Y. 11427

Be sure to designate who to acknowledge for your donation. For example: "this donation is: In Memory of; or In Honor of; or Happy Birthday; or Congratulations to..."

And please let us know who to send the acknowledgment to.

Thank you!

Stay Connected

Make sure you're on our chapter email list, so we can quickly notify you of important and time-sensitive information, such as meeting changes, etc. Send us a note at: hlaalongisland@gmail.com.

Support Group for Parents of Hearing Impaired Children

**Meets at the Hearing and Speech Center of
LIJ Hospital**

For more information: Contact Dr. Linda Glazer at
(718) 470-8631 or e-mail lglazer@nshs.edu



HLAA of North Shore Long Island

Sal Sturiale
80-38 212 Street
Hollis Hills, NY 11427

RETURN SERVICE REQUESTED

Membership Dues

Stay abreast of pertinent news and information. Send in your dues today.

Dues include Newsletter.

Make check to:

HLAA of North Shore Long Island

Dues: \$15.00 (for the year)

Name: _____

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Meeting News

CART: REAL TIME CAPTIONING

Will be at this meeting.

Don't miss them—You won't miss a word!

Wednesday, November 20, 2013

Refreshments and Social Time begins 6:30pm

Meeting begins 7:00pm

Topic: Impact of hearing loss is '24/7' and promoting public awareness of Cochlear Implants.

Speaker: Arlene Romoff

[Hear Again: Back to Life with a Cochlear Implant](#) by Arlene Romoff (Mar 1, 2002)

[Listening Closely: A Journey to Bilateral Hearing](#) by Arlene Romoff (2011)

Arlene Romoff had normal hearing until her teen years, when a slow, degenerative hearing loss led to her becoming profoundly deaf. She received her first cochlear implant (CI) in 1997 and became a bilateral CI user in 2008.

Arlene co-founded Advocates for Better Communication, the advocacy committee of the Center for Hearing and Communication (CHC), and currently serves on the CHC's board of directors. She also co-founded the Hearing Loss Association of New Jersey, the state affiliate of the Hearing Loss Association of America (HLAA), and serves as its president for five years. In 2010, she received HLAA's State Organization Award, and in 2012 received the HLAA Marcia Dugan Advocacy Award. Arlene has served as a governor-appointed member of the New Jersey Division of the Deaf and Hard of Hearing Advisory Council for the past fifteen years, and sits on other advisory boards in the state.

She is the author of the books "Hear Again--Back to Life with a Cochlear Implant" and "Listening Closely: A Journey to Bilateral Hearing", as well as numerous articles for magazines and newsletters. Her pioneering efforts helped bring open captioned live theatrical performances to Broadway, London, and regional U.S. theaters, for which she received the Humanitarian Award from Theater Resources Unlimited (TRU). Her other advocacy initiatives have resulted in unprecedented access for people with hearing loss at museums, movies, hospitals, and public events. Considered an expert on hearing loss, Arlene is consulted and speaks on a wide range of topics including cochlear implants, assistive technology, accessibility, advocacy, and sensitivity training.