Congratulations to Neuroaudiology Lab PhD Students, Dr. Alyssa Everett (pictured right) and Barrett St. George (pictured left), for being awarded the 2019 American Auditory Society Resident and Graduate Student Mentored Research Travel Grant!

Barrett St. George Add. received the 2019 American Academy of Audiology Student Research Forum Award!

**AUDIOLOGY TRIVIA!**

Test your knowledge (Answers on the last page):

1) At which University is the largest collection of hearing aids located?
   
a) Iowa b) Northwestern c) Western Michigan d) Kent State

2) In a recent publication, a survey question was asked if audiologists were concerned about the future of the field. What percentage of those surveyed said YES?
   
a) 50% b) 65% c) 90% d) 30%

3) Which key auditory structure is the first mediator for binaural spatial processing in the auditory pathway?
   
a) inferior colliculus b) superior olivary complex c) cochlear nucleus d) auditory cortex
The Third Global Conference on Central Auditory Processing Disorder will take place on March 30th from 8 am–3:30 pm, at the American Academy of Audiology Conference in Columbus, OH. Dr. Gail Chermak (pictured right) and Dr. Frank Musiek (pictured left), Co-Chairs of the conference were recently involved in an interview to which they answered the question:

Can you give us a preview of the Third Global Conference on Central Auditory Processing Disorder?

This program as, indicated by its title, promises to be an excellent mixture of concepts in applicability as well as new, foundational scientific information in regard to CAPD. The conference’s global array of presenters and participants should create a broad-based learning environment for all.

**Conference Program**

**Opening Keynote Address Vivian Iliadou, MD, PhD:**
An Evidence-Based Approach to APD

**Barbara Shinn-Cunningham, PhD:**
Individual differences in temporal processing and their influence on everyday auditory perception

**Frederick (Erick) Gallun, PhD:**
Laboratory Testing Gets Portable: Using iPads to Test Auditory Processing Abilities

**Frank Musiek, PhD:**
Auditory Hallucinations: A New Frontier in Central Auditory Assessment?

**Panel:** Teri Bellis, PhD (CAPD in College Students: Diagnosis to Successful Intervention);
Jeanane Ferre, PhD (Why training auditory specific skills IS educationally relevant);
Eliane Schochat, PhD (From Lab to Clinic: What a Long Path)

**Experts Ask The Experts** (Musiek and Chermak pose questions to the panel)

Closing **Keynote Address Mridula Sharma, PhD** The Role of Auditory Processing in Functional Outcomes Across a Life Span.
LECTURES IN AUDITORY DISORDERS AND SCIENCES

Join us for an amazing opportunity at the University of Arizona, co-sponsored by the NeuroAudiology Lab, the Department of Speech, Language, and Hearing Science, and the Arizona Audiology Coalition. Dr. Devin McCaslin (pictured left), Director of the Vestibular and Balance Program at Mayo Clinic in Rochester, Minnesota will be joining us on Thursday April 18th from 6:30–7:30 in the SLHS building, room 205. He will be presenting on a clinically relevant vestibular topic, titled: The Cerebellum and Ocular Motor Control Disorders: A Clinical View.

This presentation will review the role the cerebellum plays in the control of eye movement. Additionally, the clinical findings that are observed with impairments in the specific cerebellar structures associated with ocular motor function will be presented.

You do NOT want to miss this incredible presentation. Dr. McCaslin is currently a co-principal investigator on a NIH–NIDCD funded grant that investigates the high frequency aspects of vestibular function. He has authored and co-authored publications covering tinnitus, dizziness, auditory function, and outcome measures development. This is a presentation that both professionals and students are encouraged to attend.

If you are interested in attending this free lecture, please reach out to Dana Eriksson at danaeriksson@email.arizona.edu for more information.

DID YOU KNOW???

Transfer time across the corpus callosum from a locus in one hemisphere to the corresponding locus in the opposite hemisphere can take from as little as 3 ms to as long as 300 ms, depending on a host of factors including stimulus type, neurons activated, and recording procedure. Some of the largest and most heavily myelinated nerve fibers in the brain are found in the corpus callosum. These large, myelinated fibers have quick transfer times, which are needed for many tasks, including dichotic listening.
CONFERENCE PRESENTATIONS

Members of the Neuroaudiology Lab will be in attendance at this year's conferences:


Alyssa Everett, AuD, Bryan Wong, BS, Nicole Marrone, PhD, & Frank Musiek, PhD. (2019 March). *Can Auditory Processing Tests Predict Hearing Aid Satisfaction in Adults?* To be presented at the American Auditory Society's 46th Annual Scientific & Technology Conference. Scottsdale, AZ.


DID YOU KNOW???

As Tonndorf related many years ago, the cochlea has little capacity to store energy. Therefore, anoxia will have a quick and severe influence on the function of the cochlea. Many animal studies since Tonndorf's reporting have confirmed this, but a major unanswered question is, what are adequate oxygen supply levels in the human? Also, what would be the effects of chronic mildly reduced oxygen levels in the human?
UPCOMING CONFERENCES

<table>
<thead>
<tr>
<th>Conference</th>
<th>Date and Location</th>
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<tbody>
<tr>
<td>American Auditory Society</td>
<td>February 28-March 2, 2019: Scottsdale, AZ</td>
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<tr>
<td>American Academy of Audiology (AAA)</td>
<td>March 27-30, 2019: Columbus, OH</td>
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<tr>
<td>CAPD Global Conference</td>
<td>March 30, 2019: Columbus, OH</td>
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<tr>
<td>The Audiology Track at the ArSHA Convention</td>
<td>April 6, 2019: Phoenix, AZ</td>
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<tr>
<td>International Hearing Loss Conference: From Cochlea to Cortex</td>
<td>May 5-9, 2019: Ontario, Canada: Niagara-on-the-Lake</td>
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TRIVIA ANSWERS!

1) The largest collection of hearing aids is located at (D) Kent State.
2) More than 90% (C) of audiologists were concerned about the future of the field in a recent survey.
3) The first mediating auditory structure for spatial processing is (B) the superior olivary complex.

Past Neuroaudiology Newsletters
All past newsletters can be found at: http://musiek.faculty.arizona.edu/