CAPD GLOBAL CONFERENCE

Plans are underway for a 3rd Global Conference on CAPD. This meeting will be held at the annual American Academy of Audiology conference in 2019. Co-chairs, Frank Musiek and Gail Chermak have been working with Kim Mydland of AAA to begin planning for this popular conference. The first Global meeting was held at AAA in 2012, followed by the conference in 2014. In 2016, ARC was devoted to CAPD and therefore the Global conference was not conducted in lieu of this research symposium. These well attended conferences have brought in top researchers and clinicians from around the world to speak. It also has tackled some of the main interests and advances in the areas of CAPD and Neuroaudiology. Be on alert for more information from AAA as well as our newsletter on the 2019 Global Conference on CAPD!

AUDIOLOGY TRIVIA!

Test your knowledge (Answers on last page):

1) Who is generally given credit for using speech-in-noise testing for central auditory disorder and what year was this research done?

2) What is the lowest sensation level (SL, re: SRT) at which the dichotic digits test can be administered?
   Is it: a) 20 dB, b) 30 dB, c) 40 dB, d) 50 dB?

3) Many years ago, a central auditory test was introduced: RASP. What did these letters stand for?

4) What is the auditory disorder, Paracusia?
   Is it: a) misperception of sound, b) bilateral tinnitus, c) intermittent hearing loss, d) auditory hallucinations
THE AUDITORY SYSTEM: ANATOMY, PHYSIOLOGY AND CLINICAL CORRELATES, 2ND EDITION

Plural Publishing has officially released the 2nd edition of The Auditory System: Anatomy, Physiology and Clinical Correlates by Frank Musiek and Jane Baran. It presents 16 chapters of balanced coverage of both the peripheral and central auditory systems and correlates to clinical practice. New and updated information on synaptic ribbons, neuropharmacology of cochlear function, cryoloop cooling, and the vascular network of the brainstem are included. Additionally, a new chapter on development, plasticity and aging of the auditory system are key features of this new edition. Be sure to check out this valuable textbook.

IN THE NEWS: HEARING HEALTH AND TECHNOLOGY MATTERS

Hearing Health and Technology Matters (HHTM) has a great video online by Clifford Olsen. This video discusses the Pros and Cons of buying hearing aids from Costco. Olsen mentions some interesting aspects of Costco hearing aids that will be of interest to most audiologists whether they work with amplification or not. Check is out at: hearinghealthmatters.org/

DID YOU KNOW???

The superior temporal plane (STP) is located on the dorsal surface of the superior temporal gyrus and the site of cortical auditory areas. It is comprised, from anterior to posterior, of: Planum Polare, Heschl’s gyrus and Planum temporale.

The primary cues used to localize a sound in the horizontal plane are interaural level differences (ILDs) and interaural timing differences (ITDs), whereas vertical and front/back localization depend mostly on spectral cues.
UPCOMING CONFERENCES

<table>
<thead>
<tr>
<th>Conference</th>
<th>Date and Location</th>
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<tr>
<td>Audiology: Central Auditory Processing Disorders</td>
<td>October 10-22, 2018: ASHA Online</td>
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<tr>
<td>Insights into Clinical Assessment of the Auditory System</td>
<td>October 19, 2018: Tucson, AZ</td>
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<tr>
<td>The ASHA Convention</td>
<td>November 15-17, 2018: Boston, MA</td>
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<tr>
<td>Association for Research in Otolaryngology</td>
<td>February 9-13, 2019: Baltimore, MD</td>
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<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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UNIVERSITY OF ARIZONA FALL CONFERENCE

The University of Arizona will be hosting the Insights into Clinical Assessment of the Auditory System conference, slated for October 19, 2018. There will be three main themes of the 1-day conference:

1- Clinical Decision Making in Audiology: Avoiding Errors in Diagnostic Thinking
2- Diagnostic Efficiency of the Gaps-in-Noise (GIN) Procedure: A NeuroAudiologic Perspective
3- Integrating Students into Audiologic Practice

Speakers will include guest lecturers, Brad Stach, Frank Musikek, and Tom Muller. CEUs are available.

Further information can be obtained by contacting Dana Eriksson, (520)- 620- 1819 or danaeriksson@email.arizona.edu.
INTERNATIONAL COLLABORATION

Tathiany Pichelli (pictured right), is a Ph.D. student from São Paulo University in Brazil. She will be spending the fall semester in the NeuroAudiology Lab at the University of Arizona. Tathiany will be working on experimental designs for the development of tests of central auditory function, as well as learning about some of the ongoing neuroanatomical studies. We are very excited to be hosting this international student and look forward to her joining our team this month!

DID YOU KNOW???

One of the most complex cranial nerve pathways is that of the facial nerve or cranial nerve VII. After exiting the caudal pons, it takes an intricate course through the temporal bone with branches exiting several places from the temporal bone. To add to the complexity, this cranial nerve has both motor (Facial nerve proper) and sensory (nervus intermedius) branches. The facial nerve runs next to the auditory nerve in the internal auditory meatus, the cerebello-pontine angle, and into the brainstem.

Past Neuroaudiology Newsletters

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

Recent Article of Interest


J. L. Smart, S. C. Purdy, A. S. Kelly

TRIVIA ANSWERS!

1) Sinha, 1959 (B) was given credit for speech-in-noise testing for central auditory disorders.
2) The lowest sensation level the dichotic digits can be administered is (A) 20 dB.
3) The RASP stands for Rapidly Alternating Speech Perception.
4) The auditory disorder, Paracusia, is (D) auditory hallucinations.