

Course Activity: This 3 hour seminar and practical application session will focus on newly developed tools that have been developed for use by audiologists and speech and language pathologists to test and administer therapy to people who have auditory processing deficits using current technology.

Educational Objectives:

- 1) Explain the validity data for using computer based test and therapy developments
- 2) Identify and action appropriate therapy based on the APD test results
- 3) Be able to practically set up and administer testing and therapeutic options

Please have access to an iPad and KOSS UR10 headphones for the practical training. Also please install the apps: Feather Squadron, Insane Earplane, and Zoo Caper Skyscraper.



Texas Tech University Health Sciences Center is approved by the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-language pathology

and audiology. See course information for number of ASHA CEUs, instructional level and content area. ASHA CE Provider approval does not imply endorsement of course content, specific products or clinical procedures.

Auditory Processing Advancements



Schedule outline: OCTOBER 1, 2016

- 12:50 Welcome and Registration
- 1:00 Research review of traditional and computer based testing and their comparisons
- 2:00 Practical implementation training of computer based testing and available therapy options.
- 3:00 Test results analysis and therapy options as well as example case studies
- 4:00 closing remarks and adjournment

This program is offered for .30 AHSA CEUs (Intermediate level, Professional area).

For concerns regarding this policy or content or presentation of CE's, please contact the Office of Interprofessional Education at (806) 743-2028 or ipe@ttuhsc.edu within 30 days of the event.

Keynote speaker

Matthew Barker, AuD CCC-A and MNZAS

Matthew Barker is the director of Acoustic Pioneer who has developed the tools to be discussed in this seminar. He has been pursuing improvements in the auditory processing area since his doctoral research project in 2003 from Texas Tech University Health Sciences center and has published and presented internationally on the subject.

Financial Disclosure: Matthew Barker is part-owner and share-holder of Acoustic Pioneer.

Non-financial Disclosure: Matthew Barker has no relevant non-financial disclosures.

Course Content Disclosure: This course will focus on Acoustic Pioneer products and not include information on any similar or related products.