

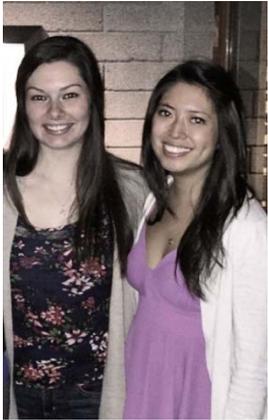
Neuroaudiology Newsletter

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Supervisor: Frank E. Musiek

March 10th, 2015

T35 NIH Research Training Awards Summer 2015



Alyssa Everett (pictured on left) and Angela Yung (pictured on right) are first year graduate students at the

University of Arizona. Both have been awarded

Washington University School of Medicine's NIDCD T-35 short-term training grant. They will be spending three months in St. Louis gaining intensive research experience in basic, applied, and clinical sciences related to hearing and balance.

Upcoming Lecturers in Auditory Disorders and Sciences (LADS)-Jos Eggermont

Jos Eggermont, Professor in Psychology, Physiology, & Pharmacology at the University of Calgary will be joining us on April 15th, 7-8pm. He will be our first visitor and is giving a presentation on the long-term effects of non-traumatic noise on the adult auditory system, specifically, the cortical central level. Dr. Eggermont's lecture is partially sponsored by the Royal Arch Research.

ATTENTION! AAA Pathways Meeting!

When? : Thursday March 26th from 2pm-4pm.

Where? : San Antonio, TX: AudiologyNOW! AAA Conference at the Grand Hyatt Hotel in the Presidio Room

Who? : Anyone interested in CAPD or neuroaudiology is welcome to come

More about our T35 students

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Alyssa is a first year doctoral student of audiology at the University of Arizona, originally from Maryland. She received her BS degree in Speech Language Pathology and Audiology at Towson University, graduating with honors. She worked with Dr. Musiek on a cryoloop cooling article for HHTM (Hearing Health and Technology Matters)-pending approval. Her main interests are in CAPD.

Angela is a first year doctoral student of audiology at the University of Arizona, originally from Delaware. She received her BS degree in Cognitive Science with a concentration in Speech Language Pathology at the University of Delaware. She has 4 years of research experience in her undergraduate career in language and cognition. Her main interest is in vestibular issues.



American Auditory Society-NIH/Other Awards

Julianne Ceruti is an Aud-PhD student of audiology at the University of Connecticut, advised by Dr. Frank Musiek, audiology professor at the University of Arizona. She received her BA degree in Psychology with a concentration in Linguistics and Communication Sciences at the University of Connecticut. In 2014, she received the AAS-NIH Mentored Research Award for her research project. Her research, Effects of Sports-Related Concussion on

Auditory Processing in University Athletes investigated the effects of concussions on temporal processing, dichotic listening, binaural processing, and neural synchrony utilizing central auditory clinical tests.

Stephanie Waryasz is a third year doctoral student of audiology at the University of Connecticut, advised

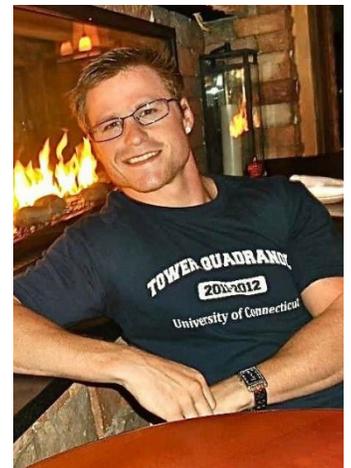


by Dr. Frank Musiek. She received her BS degree in Communication Disorders at Southern Connecticut State University, graduating with honors. Recently, she also received the American Academy of Audiology Student Research Forum Award for her capstone research project at UConn and will be honored at the national AudiologyNOW! Conference in San Antonio, TX in March. She worked with Julianne on sports-related concussions which consisted of central auditory behavioral and electrophysiological measures to discern patterns of dysfunction in

university athletes. The aim for their study was to investigate the long-term effects of sport-related concussion on temporal processing and the preliminary analyses revealed abnormal ABR classifications and a significantly larger right ear advantage on the Dichotic Rhyme test in the high vs. low severity concussion group.

On-Going Research

Barrett St. George is a first year Doctor of Audiology student and research assistant at the University of Arizona. He graduated magna cum laude from the University of Connecticut with a Bachelor of Arts degree in Communication Disorders. He has worked for Frank Musiek (PhD) for close to three years, assisting in the UConn Neuroaudiology and Vestibular labs. His primary interests are in auditory neuroanatomy, vestibular vascular anatomy and vestibular research pertaining to the aerospace environment. Barrett is currently working on an MRI project involving the measurement of central auditory structures including the Sylvian fissure and its ascending ramus, as a comparative study to previous cadaver measurements.



Publications and Presentations

[Basic Fundamentals in Hearing Science, 2015](#), by Tony L. Sahley & Frank E. Musiek. Plural Publishing. Dr. Musiek will be presenting Adult Diagnostics with an Emphasis on Electrophysiology at the SAA AudiologyNOW! Conference in San Antonio, Texas.