

# 2016 UNIVERSITY PROGRAM SEMINAR SERIES



### *Oticon's University Program*

has been developed to establish and reinforce partnerships with audiology graduate programs across the United States. Our goals are twofold; to be a resource for information on all aspects of the hearing aid fitting process, and to actively participate in the educational process for audiologists.



### **ON-SITE SEMINARS AND WORKSHOPS:**

The on-site seminars and workshops include a full range of topics presented at your facility with the graduate student in mind. The seminars can be custom tailored to meet your educational needs. For example, we can provide either half-day or full-day seminars to include students, staff and supervisors or, if better suited, one topic for a specific amplification class.

### **SEMINAR TOPICS**

- Amplification Strategies for Special Populations
- Patient Counseling and Multi-Media Tools
- Oticon Core Features **NEW**
- Pediatric Hearing Aid Fittings
- Recognition of and Reaction to Age Related Hearing Loss
- Listening with the Brain
- Recognizing and Managing Individual Variability
- The Distortional Nature of Sensorineural Hearing Loss

### **WORKSHOP TOPICS **NEW****

- Modeling and Modifications
- All about FM and Connectivity
- Understanding and Implementing Verification

## **SEMINAR DESCRIPTIONS**

### **Amplification Strategies for Special Populations**

This seminar will cover special strategies that are to be considered when fitting patients with low frequency hearing loss, ski slope, severe-distortional, as well as those with severe-to-profound hearing loss. This seminar will also address unique physiological and psychoacoustic characteristics of these losses and provide solutions.

### **Patient Counseling and Multi-Media Tools**

During the fitting process it is very important to understand the patient. This seminar will focus on different techniques and sales models to develop or enhance a sales/counseling strategy.

### **Oticon Core Features** NEW

This seminar will allow you to gain more insight into Oticon's audiological approach and how our core features work and fit into our philosophy as a company.

### **Pediatric Hearing Aid Fittings**

This seminar will address the specific needs of a pediatric fitting including physical growth factors, frequent visits and services, as well as limited reliable information that can be obtained from the child. Compression strategies, real ear verification, use of FM and validation options will be discussed in this seminar.

### **Recognition of and Reaction to Age Related Hearing Loss**

Fitting the adult patient can have its challenges. This course will explore certain perspectives and factors that influence the hearing aid fitting process with this population. Participants will be given information needed to provide appropriate strategies for this population.

## **SEMINAR DESCRIPTIONS (CONT.)**

### **Listening with the Brain**

How do computer-based noise reduction approaches differ from the natural way the brain handles speech understanding in complex environments? Understanding the differences between machine-based versus cognitive-based noise management is crucial to understanding future signal processing in hearing aids. Current approaches are subtractive in nature, trying to remove unwanted signals. Future approaches are being influenced by a deeper understanding of how humans process speech and how we manage many complex listening situations.

### **Recognizing and Managing Individual Variability**

Patients with similar audiometric profiles can respond in widely different ways to amplification. As a field, we have clearly specified procedures on how to select and fit amplification based on audiometric data, but we have minimal guidance on how to respond when patients react negatively to prescribed fittings. In this seminar, the reasons why patients may need or want something different from their new hearing aids will be discussed. In addition, tools and strategies will be discussed that can address these patient-to-patient differences in sound processing needs or sound quality preferences.

### **The Distortional Nature of Sensorineural Hearing Loss**

To best understand what can be done to compensate for sensorineural hearing loss (SNHL), it is essential to relate treatment approaches to the underlying change in signal encoding. The signal can be poorly represented in the peripheral auditory system in a broad variety of ways. In this seminar, the psychoacoustic changes that underlie SNHL will be reviewed followed by an examination of current treatment approaches in light of these changes.

## **WORKSHOP DESCRIPTIONS** NEW

*All workshops are structured to have a short presentation at the beginning, followed by a hands-on portion for the students to apply what they have learned.*

### **Modeling and Modifications**

The use of custom products are on the rise. Ever wonder how the shells are manufactured? The manufacturing process will be reviewed in this workshop. The art of impression taking will also be discussed. In the remaining time, you will have the opportunity to trim impressions, smooth out shells, patch holes and drop vents.

### **All about FM and Connectivity**

The use of FM within the pediatric population is an integral part of their audiological care. This workshop will review the concepts and benefits of using FM along with other connectivity options available. You will have the opportunity to set up our various FM solutions as well as the use of connectivity devices.

### **Understanding and Implementing Verification**

The use of real ear measurements is an important component of the hearing aid fitting. In this workshop, we will explore what it means to verify your hearing aid fitting and how to accomplish this task using best practices. Using equipment available in your facility, experience performing real ear measurements and test box measures will be provided.

## PRESENTERS



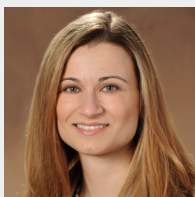
**Don Schum, PhD.**  
Vice-President Audiology &  
Professional Relations



**Randi R. Pogash, Au.D.**  
Manager, Clinical Studies



**Kelly Stahl, Au.D.**  
Manager, Distance Education



**Annette Mazevski, Au.D., Ph.D.**  
Manager, Technology Assessment

For more information, or to schedule a  
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## OTHER RESOURCES



### **AUDIOLOGY SUMMER CAMP:**

Since 1998, Oticon has hosted an annual five day educational “camp” in Keystone, Colorado, for audiology graduate students. The camp includes classroom and workshop sessions focused on the complete hearing aid fitting experience which focuses on the patient’s point of view, and supplements the university experience. For more information on the Summer Camp [click here](#).

### **WEBSITE:**

At [www.oticonusa.com](http://www.oticonusa.com) you’ll find a wide variety of support tools and documents designed to support the educational process regarding advanced technology and clinical intervention strategies with hearing aid patients.

### **THE OTICON USA STUDENT NETWORK:**

Find us on Facebook! This page is designed to be able to keep in touch with all students and provide a site where information can be exchanged. We will keep you updated on seminars and events throughout the United States. Oticon is also on other Social Media sites.

**Oticon**<sup>USA</sup>  
**Student**  
Network



## People First

People First is our promise to empower people to communicate freely, interact naturally and participate actively

