

OTICON University Program Seminar Series



Educational Support For Audiology Graduate Students

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PEOPLE FIRST

OTICON University Program Seminar Series

Oticon's University Program

establishes and reinforces 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. The majority of seminars and workshops are designed to be two hours in length.

SEMINAR TOPICS

- Amplification Strategies for Special Populations
- Patient Counseling and Multi-Media Tools
- Oticon Core Features
- Pediatric Hearing Aid Fittings
- Recognition of and Reaction to Age-related Hearing Loss
- Aging, Cognition and Hearing Loss
- Recognizing and Managing Individual Variability
- The Distortional Nature of Sensorineural Hearing Loss
- Cochlear Synaptopathy* **NEW**
- The Technological Future of Audiology* **NEW**

WORKSHOP TOPICS

- Modeling and Modifications
- All about FM and Connectivity
- Understanding and Implementing Verification
- Hearing Aid Fitting Process: Counseling, Selection and Fine Tuning
- The Tinnitus Patient: Management and Treatment Options **NEW**

*one hour seminars

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

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 and challenges of treating hearing loss for the pediatric patient. Current and clinically relevant information will be provided to enhance clinical skills when working with the pediatric patient.

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.

Aging, Cognition and Hearing Loss

Hearing is not the only body function that changes in older adults. We also know that the entire cognitive system can become less efficient due to normal age-related changes. As we provide solutions for older adults with hearing loss, we always have to keep in mind that speech understanding is a cognitive process and treatment options must also be effective in the presence of these potential age-related cognitive changes.

SEMINAR DESCRIPTIONS (CONT'D)

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.

Cochlear Synaptopathy and What To Do About It

Cochlear Synaptopathy, also known as Hidden Hearing Loss (HHL), is a relatively recent discovery involving damage between auditory nerve fibers and sensory cells. The reason it is considered 'hidden' is because it is not something that can appear as a hearing loss on an audiogram. Individuals who may potentially have HHL could have suffered from a noise trauma (e.g., explosion) or repetitive noise events (e.g., working as a carpenter). In this talk, we will discuss what HHL is, its manifestations, how noise plays a major role in HHL, and what to think about when suspecting HHL.

The Technological Future of Audiology

Technology is constantly evolving in today's world, at breakneck speed. The way that technology is utilized for a hearing aid user, in the past, has been quite different than how it is utilized for consumer use. Over the past few years, a marriage between medical necessity and entertainment/practical purposes has resulted in remarkable advancements in amplification. In this talk, we will discuss how the hearing aid industry got to the point where it is today, what incredible benefits are combined in hearing technology, what miniaturization is and how it helped with advances in technology.

WORKSHOP DESCRIPTIONS

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.

Hearing Aid Fitting Process: Counseling, Selection and Fine Tuning

Guiding the patient through the hearing aid process can be a daunting task. There are many tools available to use for counseling to pave the way for the appropriate selection of amplification. The next phase of the process includes the ability to aptly adjust the hearing device for maximum audibility and patient satisfaction. This workshop will provide case studies to review several options and methods to hone your skills during the hearing aid process.

The Tinnitus Patient: Management and Treatment Options

Nearly everyone will experience tinnitus sometime in their lifetime. While for some it can be fleeting or not bothersome, for a small population it is more than a minor annoyance. In this 2hr talk and workshop, we will discuss what factors can impact and exacerbate tinnitus, discuss how to address the tinnitus patient, and find which treatment method or methods may be the most suitable for a patient. The latest research will also be discussed to enhance the discussion on the most recent tinnitus management approaches.

PRESENTERS



Don Schum, PhD
Vice President, Audiology



Randi R. Pogash, AuD
Manager, Clinical Studies



Kelly Stahl, AuD
Manager, Distance Education



Annette Mazevski, AuD, PhD
Manager, Technology Assessment

For more information, or to schedule a Local Seminar, please contact:

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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 from the patient’s point of view, and supplements the university experience. For more information on the Summer Camp [click here](#).

WEBSITE:

At www.oticon.com, you’ll find a wide variety of support tools and documents regarding our advanced technology and fitting solutions. In addition, there is a section dedicated specifically for the audiology student. [Click here](#) and check out information on fitting tips, interesting articles, events and professional development tips.

THE OTICON USA STUDENT NETWORK:

Find us on Facebook! This page is designed 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.

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USA Student Network



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