

OTICON
University Program

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technology



Educational support for Audiology
Graduate Students

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life-changing technology

OTICON University Program

The Oticon University Program was designed to establish and reinforce partnerships with audiology graduate programs across the United States. Our goals are:

- 1. Serve as a resource on the hearing aid fitting process*
- 2. Support and participate in the education of future audiologists*

OTICON University Program Seminar and Workshop Series

The full range of topics are designed to be either presented at your facility or as an online/virtual option. The seminars and workshops can be custom-tailored to meet your educational needs. For example, we can provide either a half-day or full-day of seminars and/or workshops to include students, staff and supervisors or, if better suited, one topic for a specific class. In general, the individual presentations have been designed to be anywhere from one to two hours in length. We can offer a combination of topics to best meet the time you have available.

SEMINAR TOPICS

- Tele-Audiology
- Amplification Strategies for Special Populations
- Patient Counseling: Motivating the Unmotivated
- Oticon Core Features
- Pediatric Hearing Aid Fittings
- The Reaction to Age-Related Hearing Loss
- Preparing the New Patient
- The Distortional Nature of Sensorineural Hearing Loss
- The Tinnitus Patient: Management and Treatment Options
- Private Practice - Is It for You?

WORKSHOP TOPICS

- Modeling and Modifications
- Classroom Solutions and Connectivity Options
- Understanding and Implementing Verification
- Hearing Aid Fitting Process: Counseling, Selection and Fine-Tuning

SEMINAR DESCRIPTIONS

Tele-Audiology

With the development and use of telehealth options, audiology is no exception. This method of service delivery is increasing daily. This seminar will explore different options, now available, to provide audiological solutions remotely.

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: Motivating the Unmotivated

It is important to understand your patient during the fitting process. This seminar will focus on motivational interviewing techniques and how to incorporate the Ida Institute tools with your patient to achieve hearing aid success.

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. The current amplification options available through the Oticon portfolio, including hearing aids, connectivity and classroom solutions, will be reviewed.

The Reaction to Age-Related Hearing Loss

As our main target audience for hearing care shifts into the Baby Boomer generation, so should our understanding of how these individuals view the aging process. The well-known attitudes and behaviors of this new generation of seniors will inevitably affect how they respond to developing communication difficulties. Participants will be given information needed to provide appropriate strategies for the older adult patient.

SEMINAR DESCRIPTIONS (CONT'D)

Preparing the New Patient

Many patients who seek out information about amplification may not be truly ready to be fit. In this course, we examine the mindset of the potential first time user and discuss approaches to make the patient ready to be a successful, long-time user.

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.

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 talk, 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 be reviewed to enhance the discussion on the most recent tinnitus management approaches.

Private Practice - Is It for You?

Have you considered private practice as the right setting for your career? This seminar will explore the ins and outs of private practice, such as location of practice, when to expand, marketing, cost of goods etc. This step-by-step seminar will provide you with tools and information to start the process towards private practice.

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 is 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.

Classroom Solutions and Connectivity Options

Within the pediatric population, improving the signal-to-noise ratio in the educational setting is an important factor for learning. This workshop will review the options available to be used in the classroom. You will have an opportunity to set up various solutions.

Understanding and Implementing Verification

In this workshop, we will explore ways to verify your hearing aid fitting using some new tools such as Verfit®LINK and REM AutoFit. This session will also cover best practices when it comes to using verification in the hearing aid fitting. 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. In this workshop we breakdown the process into three sections and provide examples within each step. Case studies will be provided to review the tips learned and hone your skills.

OTICON University Program Online Student Lecture Series

Once, every quarter, we will hold an online lecture that will be available for all students. The topics for 2021 are:

Cochlear Synaptopathy

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 Future of Hearing Aid Technology

Technology is constantly evolving in today's world and the hearing aid industry is no exception. In this lecture, we will identify trends and how they will impact hearing health care in the future.

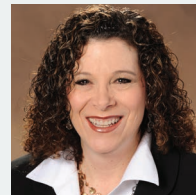
The Aging Perceptual System

The majority of hearing aid users are older adults and, thus, it is incumbent to understand the nature of their perceptual difficulties. In this seminar, the effects of aging in combination with hearing loss on spoken language understanding will be examined.

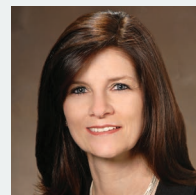
Signal Processing for Speech

The speech signal is a highly complex, dynamic signal. Many traditional signal processing approaches treat speech as if it were a singular, static input. When competition is also present, being able to process it in a way that allows the listener with hearing loss to benefit the most can be a challenge. In this seminar, we will examine the factors that can affect the patient's ability to perform optimally.

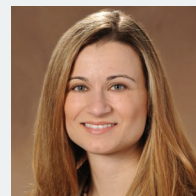
PRESENTERS



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Senior Manager, University Relations



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Annette Mazevski, AuD, PhD
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For more information, or to schedule a Local Seminar, please contact:

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OTHER RESOURCES

OTICON 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, here you can check out more information on fitting tips, interesting articles, events and professional development tips.

EMPOWERING STUDENTS SCHOLARSHIP PROGRAM

Since 2010, Oticon has supported the American Academy of Audiology Foundation scholarship program. Currently, six students will be awarded a \$5,000 Empowering Students Scholarship. For more information about the program [click here](#).

NOTES

OTICON Student Network

Find us on Instagram & Facebook! These pages are dedicated to students so you can stay updated on seminars, events & all things audiology. Be sure to follow our other social media pages as well!





www.oticon.com

Oticon is part of the Demant Group.

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