**Presentation Learner Outcomes and Abstracts** (in order of agenda)

**Christopher Spankovich, Ph.D.**

*Misophonia: Path from Research to Clinic*

1.   discuss research in aversive sounds and application to misophonia

2.   critique and debate approaches to misophonia management

Misophonia is not well understood.  However, a foundation of literature does exist that may help provide clues to greater explain this phenomenon.  In this lecture we will discuss research in aversive sounds, research in decreased sound tolerance, and application to potential clinical strategies.

**Michael Maninno, M.S.,( Ph.D. Candidate)**

*The Misophonic Brain: a brief neuroscientific evaluation and review*

1. describe how brain structure determines brain function  
2 describe how Misophonia can be classified as neurobiological

Comprising of around 80 billion cells, and 100 trillion connections between those cells, the human brain is the most complex system of which we know.  Usually, the brain is described in terms of structure and function, as well as in terms of segregation and integration.  Each of these will be briefly described, with emphasis on what has been called a *network paradigm*.   Although several segregated areas of the brain may be implicated in misophonia, including the auditory cortex, the insula, the anterior cingulate cortex, and the amygdala, it will be argued that misophonia is a network disorder.  This claim complicates the former claim that misophonia is a psychiatric disorder by considering its neurobiological origins.

**Michael J. A. Robb, M.D.**

*Misophonia: A New Clinical Experience*

1. become familiar with some common and rare clinical presentations of patients with misophonia.

2. know the current research findings in misophonia that offer insight into the neurophysiology and genetics of the condition.

This presentation features a case series of six patients with misophonia presenting to a neurology & oto-neurology clinic. Interesting details such as age of onset, triggers, reactions, impact on life, co-morbidities, medications, family history, and therapeutic decisions will be revealed. Moreover, a brief review of the emerging literature on symptoms and neurophysiology as well as an introduction to novel genetic theories of abnormal sensory perception will be included in the discussion. The goal of the presentation is to raise awareness about misophonia and share new and essential information that will ultimately help us validate patients’ concerns, avoid delays in diagnoses, deepen our understanding of misophonia, and, hopefully, lead to effective therapeutic interventions for this challenging disorder.

**Marsha Johnson, Au.D.**

*Pediatric Misophonia Evaluations for Clinicians*

1. conduct a pediatric misophonia assessment  
2. perform the Pediatric Misophonia Assessment Questionnaire (PMAQ), rate it, and utilize additional intake forms for siblings, parents, and caretakers

Many misophonic patients are identified in childhood at this point in time due to all the public attention on the topic. This presentation will include a protocol for pediatric assessment along with specific information gathering questionnaires such as the Pediatric Misophonia Assessment Questionnaire, rating forms for siblings, parents and caregivers. These tools can be used to evaluate the severity of the condition and assist with planning treatment.

**Natan Bauman, Ed.D., M.S.-Eng**

*Unraveling Misophonia*

1. describe the basic concept of Misophonia

2. differentiate Misophonia from other sound sensitivity disorders

Misophonia remains a mysterious auditory/psychiatric or psychiatric/auditory disorder.  Last year, at this conference, I presented my interpretation of a “softwired”, acquired “misophonia software” which gets installed in the Limbic System and the decision making brain, PFC.

For this year Misophonia conference I would like to expend on additional factors which may help to further understand and explain Misophonia and the misophonic reaction.

Unquestionably, misophonic reaction represents a “raw”, impulsive feedback to an antagonistically perceived stimulus. Lack of PFC input prevents the misophonic reaction to be modified and to help to remove “the edge” from the aggressive, impetuous feedback to the stimulus. Where should we be looking for answers and explanations? An attempt will be made to suggest some natural and organic roots of such behavior.

This presentation reviews the previously proposed factors and expends on new thoughts which this presenter considers as contributing to the misophonic reactions. Questions will be posed; “Are we all Miso-something”?

**Marsha Johnson, Au.D.**

*Team Approaches to Misophonia: Professional Partners*

1. describe the value of pairing up with a team partner for treating and managing misophonia.  
2. choose an effective team partner in the treatment of misophonia and what is important to communicate as time passes.

Misophonia has both physiological and psychological aspects for the sufferer and the family members. Working as a team to manage the condition and its symptoms is important in providing an effective program, and audiologists when paired with psychological professionals often find the outcome results are higher on average. Case studies of patients who were able to work with team will be presented and key factors identified as to how to construct and follow through on a treatment protocol.

**Jaffee, Jaeline, Ph.D.**

*It Takes a Village: Multidisciplinary Approaches to Treatment of Misophonia*

1. describe when and how audiologists should refer misophonia patients to a psychotherapist  
2. explain how a psychotherapist can help manage individual symptoms and reduce family stress related to misophonia

Is misophonia an audiological, neurological, or psychological malady? Should it have a distinct diagnostic profile, separate from hyperacusis, abnormal auditory perception, sensory processing disorder, or anxiety disorder? Is it related to OCD? Regardless of theories about these questions, our patients are suffering and need relief. This presentation describes psychological treatment and explores how a multidisciplinary approach can best meet the needs of a family struggling with misophonia.

**Kelly Smith, M.A.**

*How to get more Patients through a Positive Online Reputation*

1. market their practice effectively to attract more patients  
2. utilize suggestions for addressing negative reviews online that scare away patients and cause problems for any practice

This strategic talk was developed to address what Wired Magazine considers the Â“Biggest Shift In Online Marketing - The New Reputation Economy.Â” In this powerful, thought-provoking keynote speech, Kelly helps audiologists decode the secret of Â“Reputation ManagementÂ” and gives them a simple step-by-step strategy building a 5 Star reputation and how to use that reputation to get more customers. Kelly shares his NEW Â“Reputation MarketingÂ” Strategies that develop the power of local directories.