



THE VOICE FOUNDATION

53rd Annual Symposium: Care of the Professional Voice

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53rd Anniversary Symposium: Care of the Professional Voice
 May 29 – June 2, 2024

Unique Learning Outcomes

Day	Time	Session	Learning Outcomes
5/29/2024	2:00-7:00 PM	Sessions – Tutorials	Summarize basic Anatomy and Physiology of Phonation. Summarize Neurological aspects of voice production. Summarize Respiratory Function in human anatomy. Describe vocal tract function and how voice is perceived.
5/30/2024	7:50-8:00	opening remarks	
	8:10-9:30am	Sessions – Basic Science I	Describe recent technological and scientific advances in the study of the human voice – particular focus on Singing.
	9:30-10:00am	Sessions – Quintana Award Lecture: <i>Biomedical Engineering Approaches in Understanding Vocal Fold Biology</i>	Describe Biomedical Engineering Approaches in Understanding Vocal Fold Biology.
	10:30-12:00pm	Sessions – Basic Science II	Describe recent technological and scientific advances in the study of the human voice with particular focus on Phonatory Modeling.

	1:30-2:30pm	Keynote – <i>Dr. Artificial Intelligence I Presume... Nightmare or New Dawn in Medicine?</i>	Artificial Intelligence has been introduced to laryngology patient care and research. This presentation provides guidelines on the safe use of AI, recognition of its use, and interpretation of AI contributions.
	2:30-3:00pm	Sessions – Basic Science III	Describe recent technological and scientific advances in the study of the human voice on High Speed Videoendoscopy and Machine Learning.
	3:00-4:00pm	Sessions – Basic Science IV	Describe recent technological and scientific advances in the study of the human Anatomy and Phonatory Threat.
	4:00-5:30pm	Posters	Describe recent interdisciplinary advances in the study of the performer (speech and singing). Discuss recent advances in voice care science.
	6:00-6:49pm	Special Session – Speech-Language Pathology A&B	Describe the relationship between normal and abnormal voice production. Describe recent technological, scientific, and clinical advances in the study of the human voice.
	6:49-7:38pm	Special Session – Voice Pedagogy A&B	Discussion of recent technological, scientific, and clinical advances in the study of the production of the singing voice. Use of object acoustic measures, aerodynamic measures, pulmonary function assessment, and validated perceptual analyses will be included, along with their clinical applications.
5/31/2024	8:00-12:00pm	Sessions – Describing Voices	Describe challenges and solutions in the language of describing voices and discussing the relevant science used to help classify voices and their disorders.
	1:00-1:50pm	Workshops I	Apply various therapies and teaching techniques including examination and evaluation of the voice to speaking and singing.
	1:55-2:45pm	Workshops II	Apply various therapies and teaching techniques including examination and evaluation of the voice to speaking and singing.
	2:50-3:40pm	Workshops III	Apply various therapies and teaching techniques including examination and evaluation of the voice to speaking and singing.

	3:45-4:35pm	Workshops IV	Apply various therapies and teaching techniques including examination and evaluation of the voice to speaking and singing.
	4:40-5:30pm	Workshops V	Apply various therapies and teaching techniques including examination and evaluation of the voice to speaking and singing.
6/1/2024	6:45-7:45am	New Investigator Research Forum	Provides investigators with peer review of a research project either about to begin or minimally in progress (but not finished). To demonstrate direction for and pitfalls of specific research projects. Provides feedback from accomplished researchers to strengthen the study and answers specific questions from the new investigator.
	8:00-9:31am	Sessions – Medical I A&B	Differentiate diagnoses and treatments of voice disorders and techniques for vocal fold surgery; differentiate the relationship between normal and abnormal voice production and the various means of studying the voice
	10:00-11:00	Panel – <i>Voice and Artificial Intelligence (AI): Scope, Challenges, Limits and Ethical Principles</i>	Discuss Scope, Challenges, Limits and Ethical Principles in the care of the professional voice. The ethical and unethical use of AI will be discussed, along with challenges of recognizing the undisclosed use of AI, and related ethical and clinical implications.
	11:00-11:15am	Awards	
	11:10-12:00	G. Paul Moore Lecture: <i>From Voice Mechanisms to Assessment and Therapy: What I Have Tried</i>	Lecture from Jack Jiang discussing techniques and challenges that he has faced during his career studying and treating the professional voice. This lecture summarizes several decades of seminal research using sophisticated laryngeal modeling, histo-anatomic colorations, and the successes and failures of clinical translation.
	1:00-2:31pm	Sessions – Voice Pedagogy II A&B	Discussion of recent technological, scientific, and clinical advances in the study of the production of the singing voice. Use of object acoustic measures, aerodynamic measures, pulmonary function assessment, and validated perceptual analyses will be include , along with their clinical applications.
	3:30 - 6:04pm	Sessions – SLP II A&B	Describe the relationship between normal and abnormal voice production. Describe recent technological, scientific, and clinical advances in the study of the human voice.

	7:30-8:45pm	Master Class The Tenor Voice	Differentiate subtle changes in voice production, resonance, and tone quality. List three practical techniques in correcting voice problems in singing. Describe how to identify nuances in style, language and musicality contributing to healthy singing especially in the operatic tenor voice.
6/2/2024	8:00-9:31am	Session - Medical II A&B	To differentiate diagnoses and treatments of voice disorders and techniques for vocal fold surgery; To differentiate the relationship between normal and abnormal voice production and the various means of studying the voice. To demonstrate knowledge of new diagnostic and surgical considerations.
	10:00-10:55am	Panel: ASGO <i>Managing the Geriatric Laryngology Patient</i>	There has been substantial new research and publication involving age-related voice changes. This expert panel will review the challenges in differentiating presbyphonia from other ideologies. It also will review systematic treatment of age-induced dysphonia.
	11:00-12:00pm	Panel: Medical <i>Challenging Cases in Voice Professionals</i>	This case-based panel will review complex and challenging clinical presentations, highlighting strategies for accurate diagnosis, effective treatment and outcomes assessment. The cases highlight disorders of professional singers.

General Course Objectives:

Increase knowledge of recent technological, scientific and clinical advances in the study of the human voice;
 Increase understanding in the diagnosis and treatment of voice disorders and techniques for vocal fold surgery;
 Be able to apply various voice examinations/evaluations, therapy and teaching techniques;
 Foster dialogue and cooperation among the various disciplines concerned with the care of the professional voice; Gain interdisciplinary information about clinical and research aspects of neurolaryngology; and,
 Understand the relationship between normal and abnormal voice production and the various means of studying the voice.