



# THE VOICE FOUNDATION

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## 51<sup>st</sup> Anniversary Symposium: Care of the Professional Voice June 1 – June 5, 2022

### Unique Learning Outcomes

Day	Time	Session	Learning Outcomes
6/1/2022	2:15-7:00	Sessions – Tutorials	Summarize basic Anatomy and Physiology of Phonation. Summarize Respiratory Function in human anatomy. Describe vocal tract function and how voice is perceived.
6/2/2022	7:50-8:00	opening remarks	
	8:12-9:30	Sessions – Basic Science I	Describe recent technological and scientific advances in the study of the human voice – particular focus on Impact Stress, Source-Tract Interaction, and Perception of Strain
	9:30-10:00	Sessions – Quintana Award Lecture: <i>An Update on the Mechanics of Human Voice Production and Control</i>	Describe how changes in vocal fold physiology affect voice production and how to infer vocal fold physiology from the produced voice.
	10:00 – 12:00pm	Sessions – Basic Science II	Describe recent technological and scientific advances in the study of the human voice with particular focus on Air Pressures in SOVT, Emotion, Inverse Filtering, Vocal Fold Motion, and Philosophy of Science

	1:30-2:30	Keynote – Laryngeal Dystonia: A Research Journey	List at least two methodological approaches bridging brain imaging, computational neuroscience, machine learning, genetics, and clinical trials geared toward the identification of objective diagnosis, prediction of risk, and treatment of dystonia. Describe new therapeutic options for the treatment of this Laryngeal Dystonia.
	2:30-4:00	Sessions – Basic Science III	Describe recent technological and scientific advances in the study of the human voice on Segmentation, Motion Variability Asymmetry, Laryngeal Dystonia with using High Speed Videoendoscopy –
	4:00-5:30	Posters	Describe recent interdisciplinary advances in the study of the performer (speech and singing)
	6:30-7:20p	Special Session – Measurement A&B	Describe how to improve diagnostic ability, prediction of voice disorders, and stability of voice production using various measurements.
6/3/2022	8:00-12:00	Sessions – Voice and Culture	Explain why understanding voice disorders in the context of civilization is important for the individualization of diagnosis and treatment of patients with dysphonia. Explain how self-assessment of the impact of a problem is highly culturally influenced.
	1:30-2:25	Workshops	Apply various therapies and teaching techniques, including examination/ evaluation of the voice, through workshops by recognized leaders in laryngology, speech pathology, speaking and singing.
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	3:30-4:25	Workshops	Apply various therapies and teaching techniques, including examination/ evaluation of the voice, through workshops by recognized leaders in laryngology, speech pathology, speaking and singing.
	4:30-5:25	Workshops	Apply various therapies and teaching techniques, including examination/ evaluation of the voice, through workshops by recognized leaders in laryngology, speech pathology, speaking and singing.
	6:45a – 7:45a	New Investigator Research Forum	List three strategies to strengthen the study of normal voice and vocal pathology.
	8:00-9:30	Sessions - Medical	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 – Gender Affirming Voice Care: Choices and Challenges	List evaluation and treatment options for gender affirming voice. Explain the choices and challenges faced by both healthcare providers and patients across the gender spectrum in the process of achieving vocal euphoria.
	11:00-11:15	Awards	
	11:10-12:00	G. Paul Moore Lecture: My Journey in Aging Voice	Summarize the neural mechanisms involved in the control of the laryngeal system, voice and speech.
	1:15 – 2:15p	Panel: Meta Therapy: Beyond Vocal Hygiene and Exercise	Describe how to boost patient adherence and impulse control. List strategies to optimize clinician style for patient success.
	2:20 - 4:00p	Sessions – SLP 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.
	4:30 - 7:00p	Sessions – SLP 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.

	6:00 – 7:00	Sessions – VP A&B	See above
	7:15-8:30	Master Class Singing	Train the ear to differentiate subtle changes in voice production, resonance, and tone quality. Gain practical techniques in correction voice problems in singing. Identify nuances in style, language and musicality contributing to healthy singing.
6/5/2021	8:00-10:30	Session II A & B - Medical	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
	11:00 - 12:00	Voice Surgery: Interesting Cases and Concepts	List evaluation and treatment options for the various cases presented.
	1:00-4:50	Sessions – Voice Pedagogy	To demonstrate knowledge of recent technological, scientific, and clinical advances in the study of the production of the singing voice
	4:50-5:00	Discussion	structured questions and discussion about the preceding presentations.

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