

Wednesday May 28th

CoMeT Program 8am-12pm

- 8:00am Welcome**
R. Eugenia Chávez, President of CoMeT
Robert T. Sataloff, Chairman of The Voice Foundation
- 8:05am The Biomechanics and Acoustics of Whistle Voice**
Ingo Titze, PhD – U.S.A.
- 8:35am Singing Research Methodology for Acoustics, Aerodynamics, and Electroglottography**
Ronald C. Scherer, PhD, Sophia Dove, MM, Mohammad Ghorbani, MSc – U.S.A.
- 8:47am Discussion**
- 8:57am The Influence of The Duration of Voiced Consonants on Their Recognitioni Sung Vowel-Consonant and Consonant-Vowel Junctions**
Allan Vurma, PhD, Einar Meister, Lya Meister, Jaan Ross, Marju Raju, Veeda Kala, Tuuri Dede – Estonia
- 9:09am Silence, Fado Will Be Sung: The Acoustic-Phonatory and Clinical Characteristics of the Portuguese Soul's Musical Expression**
Pedro Pestana – Portugal
- 9:21am Discussion**
- 9:31am Coffee break**
- 9:41am When Do You Make a Decision to Operate on Singers?**
Michael Benninger, MD – U.S.A.
- 9:53am Injections For Vocal Fold Scar: PRP or Steroid?**
Adam Rubin, MD – U.S.A.
- 10:05am Discussion**
- 10:15am Exploring the Relationship Between Charpy's Angle, Diaphragm Tonicity, and Vocal Support with Ultrasound Feedback**
Carles Expósito Rovira, PT, MA, PhD stud. – Spain
- 10:27am Hyoid Bone Use in Artistic Voice**
Lisa Popeil – U.S.A.
- 10:39am Discussion**
- 10:49am Importance of Integral Diagnosis and Treatment In Performers**
R. Eugenia Chávez – México
- 11:01am Vocal Fold Injuries: When Can a Singer Continue Singing**
Andrea Campagnolo – Brasil
- 11:13am Discussion**
- 11:23am Joyful Collaboration and Growth Opportunities**
Lucinda Halstead – U.S.A.
- 11:35am Importance Of Consent Inform In Performers**
Michael Benninger – U.S.A.
- 11:45am Discussion**
- 11:55am Closing Remarks**
R.Eugenia Chávez, President of CoMeT
Robert Sataloff, Chairman of The Voice Foundation

Wednesday May 28th, cont.

Tutorials

- 2:00pm Welcome**
The Westin Philadelphia Hotel, Grand Ballroom, Salon II
Robert T. Sataloff, MD
- 2:15pm Anatomy and Physiology of Phonation: An Overview**
Robert T. Sataloff, MD, FACS, DMA
- 3:00pm Basic Neurological Aspects of Voice Production, An Overview**
Liz Heller Murray, PhD, CCC-SLP
- 3:30pm Respiration for Voice: An Overview**
Johan Sundberg, PhD
- 4:00pm Break**
- 5:00pm Acoustics of Voice: An Overview**
Sten Ternström, PhD
- 5:30pm Perception of Voice: An Overview**
David Eddins, PhD
- 6:00pm Performance Pedagogy: An Overview**
Brian Gill, DMA
- 6:30pm Q & A**

Thursday May 29th

Basic Science Session I (8:10am – 9:30am)

Singing and Perception

Chair: Johan Sundberg, PhD

The Westin Philadelphia Hotel, Grand Ballroom, Salon II

- 8:10am Articulatory Adjustments of Vowel Space Across Pitch in Operatic Singing**
May Pik Yu Chan, BA, Jonathan Havenhill, PhD, Jianjing Kuang, PhD
- 8:20am Trained Belting and Untrained Shouting – How Do They Differ?**
Tero Ikävalko, MPhil, Anne-Maria Laukkanen, PhD
- 8:30am What Happens in Sung Duos? Investigating Voice Matching Through Spectral Differences and Self-to-Other Ratios**
Kajornsak Kittimathaveenan, MMus, Sten Ternström, PhD, Sara D'Amario, PhD, MM, BA
- 8:40am From Commercial Recordings to Research: AI Enables Large-Scale Vibrato Analysis in Classical Singing**
Tiago Cruz, PhD, SLP, Pedro Andrade, PhD, SLP, Christian Herbst, PhD
- 8:50am Perceptual and Computational Estimates of Pitch Height and Pitch Strength Across Signal Types in Pediatric Dysphonic Voices**
Lindsay Wilson, BA, Yeonggwang Park, PhD, BA, Supraja Anand, PhD, MS, BS, Shaheen Awan, PhD, CCC-SLP, Susan Brehm, PhD, CCC-SLP, BS, Lisa Kelchner, PhD, CCC-SLP, Barbara Weinrich, PhD, CCC-SLP, Rahul Shrivastav, PhD, CCC-SLP, Alessandro de Alarcon, MD, MPH, David Eddins, PhD, MS
- 9:00am Panel**
May Pik Yu Chan, BA, Tero Ikävalko, MPhil, Kajornsak Kittimathaveenan, MMus, Tiago Cruz, PhD, SLP, Lindsay Wilson, BA, Jeanie LoVetri, Adam Rubin, MD

Thursday May 29th, cont.

Quintana Research Award Lecture (9:30am – 10am)

Chair: Robert T. Sataloff, MD, DMA, FACS
The Westin Philadelphia Hotel, Grand Ballroom, Salon II

A Short History of Larynx Models M1-M6

Ronald Callaway Scherer, PhD

Basic Science Session II (10:30am – 12:00pm)

Modeling, Fundamental Frequency, and Stress

Chair: Ron Scherer, PhD
The Westin Philadelphia Hotel, Grand Ballroom, Salon II

10:30am An Optimal Contact-Mechanically Consistent and Flow-Separation Adapted Modeling of Vocal Fold Dynamics
Sardar Nafis Bin Ali, BS, Maryam Naghibolhosseini, PhD, Mohsen Zayernouri, PhD

10:40am High-Speed Videoendoscopy Data-Driven Modeling of Respiration and Phonation Mechanics of Laryngeal Edema
Maruf Md Ikram, BS, Mohsen Zayernouri, PhD, Dimitar D Deliyski, PhD, Maryam Naghibolhosseini, PhD

10:50am “pyLeTalker”: Python Framework for Wave Reflection Voice Synthesis
Takeshi Ikuma, PhD, Melda Kunduk, PhD, CCC-SLP, Andrew McWhorter, MD, Brad Story, PhD

11:00am Perturbation Analysis of Synthetic Voice with Subharmonic Modulation
Takeshi Ikuma, PhD, Andrew McWhorter, MD, Melda Kunduk, PhD, CCC-SLP

11:10am In Search of a Robust Definition of Fundamental Frequency
Ingo Titze, PhD, BS, MSEE

11:20am Exploring the “White Coat Effect”: Stress-Induced Variability in Voice and Speech Parameters
Eric J. Hunter, PhD, MS, BS, Mark L. Berardi, PhD, BS, Simone Graetzer, PhD, Pasquale Bottalico, PhD

11:30am Panel
Sardar Nafis Bin Ali, BS, Maruf Md Ikram, BS, Takeshi Ikuma, PhD, Ingo Titze, PhD, Eric J. Hunter, PhD, Katherine Verdolini Abbott, PhD, CCC-SLP, Denis LaFrenier, MD

12:00pm Lunch Break

12:00pm Meeting of Journal of Voice Editorial Board
Chair: Robert T. Sataloff, MD (12:00 - 1:00p)
Independence Room

Keynote Presentation (1:30pm - 2:30pm)

Chair Robert T. Sataloff, MD
The Voice in Our Head: How the Brain Learns and Tunes to Human Voices
Bharath Chandrasekaran, PhD

Basic Science Session III (2:30pm – 3:00pm)

Analysis and AI

Chair: David Eddins, PhD
The Westin Philadelphia Hotel, Grand Ballroom, Salon II

2:30pm Artificial Intelligence Models for Laryngeal Dystonia Classification
Hiroki Sato, MS, Weslie Khoo, PhD, David Crandall, PhD, Rita Patel, PhD, CCC-SLP

2:40pm Evaluating AI-Generated Speech for Intelligibility Analysis in Dysphonic and Non-Dysphonic Speakers
Pasquale Bottalico, PhD, Charles Nudelman, CCC-SLP, Kate Harty, Aron Olivares, Ryan Anderson, Keiko Ishikawa, CCC-SLP

Thursday May 29th, cont.

- 2:50pm Visual Perceptual Analysis of Vibratory Patterns and Mucosal Wave Differences Between Vocally Healthy Children and Adults**
Bernhard Jakubass, PhD, Hamide Ghaemi, Maggie Lynn Stall, BA, BM, Dimitar Deliyski, PhD, Rita Patel, PhD, CCC-SLP
- 3:00pm Investigating the Mechanisms Governing the Impact of Voiced and Non-Voiced Arts Participation on Biomarkers of Health and Wellbeing**
Lynn Maxfield, PhD, Rebecca Zarate, PhD, Fiona Giudici, MA
- 3:10pm Speaker Characteristics Affect Reliability of Spatial Segmentation of High-Speed Videoendoscopy**
Hamzeh Ghasemzadeh, PhD, MS, David Ford, PhD, CCC-SLP, Maria Powell, PhD, CCC-SLP, Bernhard Jakubass, PhD, Dimitar Deliyski, PhD
- 3:20pm Comparison of Vibratory Patterns of Vocal Fold Paresis and Paralysis Using High-Speed Videolaryngoscopy Versus Stroboscopy**
Elliana DeVore, MD, BM, Peak Woo, MD, FACS
- 3:30pm Panel**
Hiroki Sato, MS, Pasquale Bottalico, PhD, Bernhard Jakubass, PhD, Hamzeh Ghasemzadeh, PhD, MS, Elliana DeVore, MD, BM, Linda Carroll, PhD, Mausumi Syamal, MD

Poster Session I (4pm – 4:45pm)

- P1 BRAINBODYVOICE™ (BBV) Systems: A Neuromechanics and Prosody-Driven Approach for Advanced Vocal Performance Optimization**
Veera Asher, DMA
- P3 Validation of the Voice Quality of Life Profile in Brazilian Portuguese**
Vanessa Veis Ribeiro, PhD, SLP, Evelyn de Carvalho Caprini, SLP, Maria Gabriella Gomes Fernandes, SLP, Hoanna Victoria Caitano Menezes, SLP, Ana Raquel Alves Da Silva, SLP, Isadora Lopes Ramos, SLP, Emanuel Vianna Correia, SLP, Ali Dehqan, PhD, Rodrigo Dornelas, PhD, SLP, Mara Behlau, PhD, SLP
- P5 A Survey of the State of Mindfulness Knowledge and Practice Among Voice Practitioners**
Julia Gerhard, CCC-SLP, DMA, Catherine Brown, BA
- P7 Voice Quality Assessment over Telepractice: Evaluating the Impact of Zoom Transmission**
Siyue Chen, SLP, MS, BS, Yang Chen, PhD, Manwa Ng, PhD
- P9 Immediate Effects of Photobiomodulation on the Voices of Women Without Voice Complaints: Analysis of Self-Perception of Vocal Effort, Acoustic Measures and Voice Quality**
Rafaela de Resende, SLP, MS, Maria Vitória Ferreira, SLP, Beatriz Bergamasco, SLP Ana Constantini, PhD, SLP
- P11 Establishing Cutoff Values of Spectral and Cepstral Measures in Cantonese-Speaking Patients with Voice Disorders**
Yat Chun AU, BS, Manwa Lawrence Ng, PhD
- P13 Laryngeal Dystonia: a Global Retrospective Study Through Bibliometric Analysis**
Yuanjia Hu, BS, Lu Xing, MM, Peiyun Zhuang, MD
- P15 Simulation of Clinical Cases of Behavioral Dysphonia in Adults: Web Platform for E-Learning to Develop the Clinical Reasoning in Speech Therapy**
Lorena Luiza Costa Rosa Nogueira, PhD, Juliana Preisser de Godoy e Silva, MS, Sandro Renato Dias, PhD, Anna Alice Figueiredo de Almeida, PhD, Renata Rangel Azevedo, PhD, Ana Cristina Côrtes Gama, PhD
- P17 The Use of 360-Degree Virtual Classroom Environments in Promoting Voice Skills Generalization for Teachers with Voice Problems**
Estella P.-M. Ma, PhD, Alice K.-Y. Siu, MD, Gary K.-W. Wong, PhD, Crystal W.N. Yuen, MS
- P19 Self-Perception, Voice Symptoms, and Mental Disorders in the Transgender Population: a Study on the Relationships**
Maria Vitória Ferreira, SLP, Susan de Melo, Julia Ferraz, Ana Carolina Constantini, PhD, SLP, DM

Thursday May 29th, cont.

- P21 Examining the Speech and Voice Characteristics in Individuals with Major Depressive Disorder: A Cross-Linguistic Study**
Isabella Tsz-Huen Liu, Othilia Chan, Sherry Kit Wa Chan, MD, MPhil, Friederike Schröck, MD, Alexandra Philipsen, MD, Maria Dietrich, PhD, CCC-SLP, Estella Pui-Man Ma, PhD
- P23 The Use of Maximum Phonation Time as a Measure of Voice**
Jessica Rostron, BS, Natalie Gansas, BS, Patrick Walden, PhD, CCC-SLP
- P25 Effectiveness of Laryngeal Electrotherapy on Voice and Self-Perception in Women With Hyperfunctional Dysphonia**
Kelly Silverio, PhD, CCC-SLP, Stephano Varela, MD, SLP, Leticia Bonini, MD, SLP, Daniela Hencke, MD, CCC-SLP, Alcione Brasolotto, PhD, CCC-SLP, Larissa Siqueira, PhD, CCC-SLP, Leonardo Lopes, PhD, CCC-SLP
- P27 Cross-Cultural Adaptation and Validation of the Mandarin Chinese Version of the Vocal Performance Questionnaire**
Li Zhou, MD
- P29 Adaptation and Validation of the Acoustic Voice Quality Index for Voice Disorder Assessment for the Mandarin Chinese-Speaking Population**
Xiuli Song, MS, Yang Chen, PhD, Manwa Ng, PhD
- P31 Validation of the Leicester Cough Questionnaire in Brazilian Portuguese**
Rodrigo Dornelas, PhD, SLP, Vanessa Veis Ribeiro, PhD, SLP, Alice Lopes, SLP, Surinder Birring, PhD, Mara Behlau, PhD, SLP
- P33 A Rare Case Report of Synovial Sarcoma of The Vagus Nerve With Chronic Cough and Hoarseness**
Li Zhou, MD

Poster Session I (4pm – 4:45pm)

- P2 Re-envisioning the Conservatory Voice Studio: Towards a Pedagogy of Hope, Care, and Community**
Sarah Stapleton, BM, MT, MACP, Kimberly Barber, BM
- P4 Perceived Vocal Effort of a Singer with a Lower-Limb Disability**
Joseph Nicoletti, MFA, Kayla Gautereaux, MM, BM, Joshua Gilbert, PhD, Ed.M
- P6 Accuracy of Low-Cost Tools for Measuring Vital Capacity during Aerodynamic Assessments of Voice: A Laboratory-Based Study**
Brandon Jagdhar, BA, James Curtis, PhD, CCC-SLP, Mel Grasso, BA
- P8 Disparities in Vocal Health Services: A Critical Review of the Literature**
Lady Catherine Cantor-Cutiva, PhD, SLP, MS, Francisco David Gonzalez Camelo, PhD
- P10 Effects of Sjögren's Syndrome on Occupational Voice**
Maria Claudia Franca, PhD, CCC-SLP, Valerie Boyer, PhD, CCC-SLP, SLP, Jennifer Walker, PhD, Juhi Kidwai, PhD, SLP, Evyenia Pyle, BS, Mohammad Al Rjoob, MS
- P12 Acoustic and Prosodic Features in Quran Recitation with a Focus on the Recitation by Master Abdulbasit**
Shamim Hosseinifar, SLP, Maryam Faham, PhD
- P14 Investigating the Role of Spoken Language on the Perceptual Evaluation Results Based on the GRBAS Scale-A Primary Study**
Shamim Hosseinifar, SLP, Maryam Faham, PhD
- P16 Effects of Speech-Language Therapy Intervention on Vocal Self-Assessment in Transsexual Women**
Flavia Marchi, SLP
- P18 Immediate Effects of Low-Power Laser Photobiomodulation in Women Without Vocal Alteration and Dysphonic Women**
Viviane Souza Bicalho Bacelete, PhD, Juliana Preisser de Godoy e Silva, MD, Andrea Rodrigues Motta, PhD, Ana Cristina Côrtes Gama, PhD
- P20 Influence of Tobacco Consumption on the Frequency of Vocal and Laryngeal Symptoms in Female Smokers**
Lidia Teles, PhD, SLP, Mariana Gonçalves, SLP, MS, Kemellyn Veiga, SLP, Livia Uzai, SLP

Thursday May 29th, cont.

- P22 Non-Linear Analysis by Phase Space Reconstruction According to the Type of Voice Signal**
Lidia Teles, PhD, SLP, Mariana Gonçalves, SLP, MS, Debora Galdino, PhD, SLP, Arlindo Montagnolli, PhD
- P24 Effectiveness of the “Workshop for University Students: Expressiveness in Communication and Public Speaking Skills”**
Lidia Teles, PhD, SLP, Ana Júlia Frezzato, Elizabeth Del Castillo, Gabriela Henriques Henriques, Gabriela Takeda, Lara Lemes, Maria Casali, Noemi Fonseca, Mariana Gonçalves, SLP, MS
- P26 Crohn’s Disease in a Classical Singer: Impact on Laryngeal Structures, Voice Production, and Quality of Life**
Maria Briggs, DMA, Hatun Zengin-Bolatkale, PhD, Fran Pomaville, PhD, Maelyn McCarty, CCC-SLP
- P28 Validation of the Trans Woman Voice Questionnaire (TWVQ) in Brazilian Portuguese**
Roxane de Alencar Irineu, PhD, SLP, Vanessa Veis Ribeiro, PhD, SLP, Rodrigo Dornelas, PhD, SLP, Andrea Gomes de Oliveira Aguiar, PhD, SLP, Heloisa Helena de Almeida Neves Matta dos Santos, PhD, SLP, Georgia Dacakis, PhD, SLP, Shelagh Davies, PhD, SLP, Mara Behlau, PhD, SLP
- P30 Translation, Cultural Adaptation and Validation of the Vietnamese Version of the Vocal Fatigue Index**
Nguyen Thi Minh Chau, SLP, Debra Phyland, PhD, SLP, Truc Thai, PhD
- P32 Tongue-Tie and Singing: Increased Vocal Tract Volume and Voice Quality After Frenectomy of a Professional Singer**
Jacqueline Ward, BM, Katherine Ahn Wallace, DDS, Alison Wu, DPT, Elise M. Newen, BS
- P34 Data Augmentation for Multimodal Singing Analysis**
Ronald Mo, PhD, Crystal W.N. Yuen, BBA, MST

Voice Pedagogy I-A (6:00pm – 8:27pm) Concurrent Session

Chair: Jeanie LoVetri
The Westin Philadelphia Hotel, Grand Ballroom, Salon I

- 6:00pm Standing on The Shoulders of a Giant – The Inception of Singing Voice Acoustics by Hermann von Helmholtz**
Christian T. Herbst, PhD, David P. Meyer, DM, MM
- 6:07pm Instigation of an Extensive Longitudinal Database Covering the Years of Voice Change in English Cathedral Girl Choristers**
David Howard, PhD, BS, Graham Welch, PhD, BA, Evangelos Himonides, PhD, BA
- 6:14pm Speaking Fundamental Frequency in Pubescent Female Choristers: A Longitudinal Study**
Christian T. Herbst, PhD, David P. Meyer, DM, Bruno Gingras, PhD, Evangelos Himonides, PhD, David M. Howard, PhD, Graham Welch, PhD
- 6:21pm The Effects of Cross-Training Experience on Voice Quality**
Jayson Banton, MM, BA, Kayla Gautereaux, MM, BM, Joshua Gilbert, PhD, BM, Ed.M.
- 6:28pm A Preliminary Study Investigating the Effects of Electronic Amplification on Singers**
Jeanette LoVetri, Melissa Treinkman Treinkman, DMA, Doug Peck, BM
- 6:35pm The Valsalva Ear Pressure Equalization Maneuver in Operatic Singers: A Qualitative Pilot Study**
Ian DeNolfo, MM, BM, Gioacchino LiVigni, David P. Meyer, DM, MA, Robert T. Sataloff, MD, FACS, DMA
- 6:42pm Discussion**
- 6:49pm Respiratory Coordination and Acoustic Vocal Quality of Two Opera Singers through the 2nd and 3rd Trimesters of Pregnancy**
Marissa Fieland, MM, Jennifer Burks, MM, Kayla Gautereaux, MM
- 6:56pm Do Age-Related Changes to the Mature Female Voice have a Detrimental Effect on Maximum Phonational Frequency Range?**
Rebecca Moseley-Morgan, PhD, ARCM

Thursday May 29th, cont.

- 7:03pm Longitudinal Analysis of Acoustic Changes in Professional Popular Female Singers Over a Decade of Their Careers**
Trevor Pharr, BS, BA, Mohamed Ebraheem, MS, BS, Megan Urbano, CCC-SLP, MS, BM, Yaël Bensoussan, MD, MS, BS
- 7:10pm Do Age-Related Changes in the Mature Female Voice have a Detrimental Effect on Vocal Agility?**
Rebecca Moseley-Morgan, PhD, ARCM
- 7:17pm Acoustic Analysis of Blues, Country, Folk, Italian Opera, and Rock Singing**
Grayson Bienhold, Owen Wischhoff, BS, Taylor Chumbley, Elise Moreira, Jack Jiang, MD, PhD
- 7:24pm Do Age-Related Changes to the Mature Female Voice have a Detrimental Effect on Respiratory Functionality?**
Rebecca Moseley-Morgan, PhD, MA
- 7:31pm Discussion**
- 7:38pm Factors Predicting Singers' Work Efficiency and Random Effect of Singing Duration**
Xuejie Huang, PhD, Su Qin, PhD
- 7:45pm Heritable Aspects of Voice: A Pilot Study**
Edrie Means Weekly, MM, BME, Brian Gill, DMA, Ingo Titze, PhD, Matthew Edwards, DMA, MM, BM
- 7:52pm Difficult Vowels in Singing Explored Through Non-Singer Musicians**
Brian Gill, DMA, MM, BM, Johan Sundberg, PhD, Filipa Lã, PhD
- 7:59pm Professional Soul Singers, Well-Being and Optimal Performance: A Qualitative Descriptive Study**
Angelia Williams, PhD
- 8:06pm An Investigation into Learning Methods of Voice Mimicry Artists.**
Santhosh Simon, PhD, CCC-SLP, Stuart Cunningham, PhD, B Eng
- 8:13pm Singing For Life: Adult Singer Perceptions on Impact of Community Choir Participation on Well-Being**
Melissa Brunkan, PhD, MM
- 8:20pm Discussion**

Voice Pedagogy I-B (6:00pm – 8:27pm) Concurrent Session

Chair: Kathy Price, PhD
The Westin Philadelphia Hotel, Grand Ballroom, Salon I

- 6:00pm Curriculum Review for Vocal Performance Undergraduate Degree Programs in the United States**
Zipporah Peddle, MM, BM, Paul M. Patinka, MM, BS
- 6:07pm Examining the Impact of Individual Voice Lesson Instruction on Student and Teacher Perceived Self-Efficacy**
Phatcharaporn Chirachitra, BFA, Merced Stratton, MM, BM, Kayla Gautereaux, MM, Joshua Gilbert, PhD, BM, Med, Michaela Kelly, MM, BMEd
- 6:14pm What is it Like to Sing? A Qualitative Approach.**
Aude Cardona, BM, Katherine Verdolini Abbott, PhD, CCC-SLP, MM, BM
- 6:21pm The Impact of Semi-Occluded Vocal Tract Exercises on Vocal Function in Singers: Straw Phonation vs. Lip Trill**
Troy Dargin, PhD, CCC-SLP, MM, MS, MA, Karly Chan
- 6:28pm Focus Group Pilot Study with Singing Teachers and Students Exploring on Breathing Instruction Challenges and Technology-Assisted Solutions**
Ziyue Piao, MS, BS, Theodora Nestorova, MM, MFA, BM
- 6:35pm Effort, Acoustic, and Glottal Contact Differences in Belt, Belt-Mix, Head-Mix, and Classical Crossover in a Professional Musical Theatre Singer: A Case Study**
Brian Manternach, DM, MM, BA, Lynn Maxfield, PhD, BA, MA, Manna Nichols-Wong, MM, BM
- 6:42pm Discussion**

Thursday May 29th, cont.

- 6:49pm Exploring Female Broadway Performers' Experiences of Singing in Mix**
Regina McAllen, MM, BM, Melissa Forbes, PhD, Diane Hughes, PhD
- 6:56pm Trends in Musical Theatre Voice Revisited: A Long-Term Analysis of Broadway Audition Requirements**
Kathryn Green, DMA, MM, BA, Warren Freeman, MM, BFA, Matthew Edwards, DMA, MM, BM
- 7:03pm Lip Oscillation Onset and Offset Threshold Pressure**
Sophia Dove, MM, Ronald Scherer, PhD, Edrie Means Weekly, MM, Mohammad Ghorbani, MS
- 7:10pm Analyzing the Effect of Different Vocal Warm-Ups on Vibrato Rate/Extent and Consistency of Airflow in Musical Theatre and Classical Tenors in Training**
Nicholas Giunta, SLP, MM, BM, Jonathan Price, MM, BM, Kathy Price, PhD, MM
- 7:17pm Experimental Modelling of Phonation through a Stereotypic Vocal Tract Setting for Opera, Belting, and Speech. Effect on Vocal Efficiency and Economy?**
Anne-Maria Laukkanen, PhD, Vojtech Radolf, PhD, Vitezslav Bula, MS, Jaromir Horacek, PhD
- 7:24pm Use of Falsetto/M2 Phonation in Building Tenor, Baritone and Bass Voices: the Legacy of Anthony Frisell**
Lukas Filippi, MM, John Nix, MM
- 7:31pm Discussion**
- 7:38pm Culturally Aware Repertoire for Student Engagement in the Voice Studio**
Mariana Elosúa Serna, MFA, BA, Kayla Gautereaux, MM, BM, Joshua Gilbert, BM, EdM, Megan Stahl, PhD, MA
- 7:45pm Comparative Study of Acoustic Voice Features in Two Singing Styles: Iranian Traditional Singing and Classical Western Singing**
Shima Rahmani, SLP, MS, Hamideh Ghaemi, PhD, SLP, Ronald C Scherer, PhD, SLP, Ali Dehqan, PhD, SLP, Jamshid Jamali, PhD
- 7:52pm Self-Recording and Self-Assessment of Audition Performances in Opera Singers: A Collective Case Study**
Melissa Treinkman, DMA
- 7:59pm Direct Water Hydration: Damp Gauze and Nebulizer.**
Maria Borragan, PhD, SLP, Carles Exposito, Ruth Suarez, BM, Carmen Paula Romero, MM, BM, Andrea Bianchino, MD, MM, BM, dario strangis, SLP, Marco fantini, MD, Andrea Ricci-Maccarini, MD, Alfonso Borragan-Torre, MD, PhD, Chiara Falanga, MD
- 8:06pm The Use of Virtual Reality to Prepare for Performances**
Carly Wingfield, MM, BM, Yvonne Redman, BM, Charles Nudelman, CCC-SLP, MS, Pasquale Bottalico, PhD
- 8:13pm Monitoring Resonance Changes in the Mature Female Voice with Acoustic Software**
Rebecca Moseley-Morgan, PhD, ARCM
- 8:20pm Discussion**

Friday Special Session May 30th

Voice and Emotion

Moderator: Leah Helou, *PhD, CCC-SLP*

- 8:00** Emotional Expression as a Vocal Performer: Introduction
Leah Helou, PhD, CCC-SLP
- 8:10** Emotion and the Voice – From a Neuroscience Perspective
Sophie Scott, PhD
- 8:50** Perspectives on Voice Production and Emotion
Miriam van Mersbergen, PhD, CCC-SLP
- 9:30** Coffee Break – Exhibit Hall
- 10:00** Going Off-Score to Express Emotion in Singing: Phrasing, Intonation, and Coding
Johan Sundberg, PhD
- 10:35** A Vocologist's Approach to Teaching Emotional Expression in Singing: Bringing Science Into Pedagogical Practice
Tua Hakanpää, PhD
- 11:10** Panel Discussion
Moderator: *Leah Helou*
Panel: *Scott, van Mersbergen, Sundberg, Hakanpää*
- 11:55am** Awards

Workshops Session I (1:00pm-1:50pm)

Making Vocal Hygiene Fun: Strategies for School-Aged Drama Students

Robert Fritz, CCC-SLP, MS

Pulling Apart the Predictable Pairs: Training Independence of Jaw, Tongue, Larynx, Soft Palate, and Vocal Folds

Melissa Treinkman, DMA

Enhancing Vocal Skills Through Dual-Task Training: Practical Applications and Correlation of Cognitive Functions and Voice Rehabilitation

Bernardo Lanzaro, SLP, MS, Stefania Porcaro, SLP, MS, Andrea Di Somma, MD, Simona Cunato, BS, Alfonso Borragàn Torre, MD, PhD, Chiara Falanga, MD, MS, Daniele Apredda, SLP, MS, Katherine Verdolini Abbott, PhD, CCC-SLP

The Effects of Body Alignment and Posture on Vocal Production Using

Elements of Body Mapping, Alexander Technique, and Motor Learning
Sarah Eastman, CCC-SLP, MM, MS Carol Jorgensen Tolejano, CCC-SLP, MA, BFA

Awareness in Action: Exploring Interoceptive and Exteroceptive Practices for Vocalists

Karen Crow, CCC-SLP, MM, Megan Durham, MM

Music Theater in the Opera House

Rachelle Fleming, DMA, MM, BM

Tools for the Clinical Assessment of Breathing Pattern Disorders

Rachel Goldenberg, CCC-SLP, DMA, MM, BM

Effective Tools and Strategies for Musical Theater Aesthetics and Registration Cultivation in Cis-Male Voices

Kevin Willson, MM, BM

Friday May 30th, cont.

Workshops Session II (1:55pm-2:45pm)

Reimagining Common Voice Qualities and Voice Therapy Prompts using the Estill Voice Model

*Elizabeth Grillo, PhD, CCC-SLP, Karen Perta, PhD, CCC-SLP,
Kimberly Steinhauer, PhD*

Is There Still a Place for “Placement” in the Voice Studio?

Brian Manternach, DM, MM, BA

Application of Dual-Task Training in the Context of Perceptual-Motor Learning Principles in Voice Learning: a Workshop and Training Proposal for Voice Teachers and Speech Language Pathologists

*Roberto Guerricchio, MM, BA, Bernardo Lanzaro, SLP, MS, BS,
Katherine Verdolini Abbott, PhD, CCC-SLP*

Manual Therapy as a Modality for Treating Jaw and Tongue Tension in Singers

Leda Searce, CCC-SLP, SLP, MM, MS

Navigating Levels of Interoception/Proprioception in Voice Use via Feedback Loops

*Patrick Beasley, SLP, MS, Nina Callahan, SLP, MS, Corey Cifuentes-Hollinger, SLP, MS, Juliana Codino, PhD, CCC-SLP, J.
Austin Collum, CCC-SLP, MA*

Discovering Optimal Voice Through Primal Vocal Gesture

Stephen Austin, PhD, MM, BM

Speech Treatment Techniques for Vocal Tremor

Julie Barkmeier-Kraemer, PhD, CCC-SLP

Intentional Supraglottic Sound Sources in Voice Rehabilitation – The Substitutional, Supplementary, and Compensatory Use of Rough Vocal Effects in Speech

Mathias Aaen, PhD, MA CC, BA MMC, Cathrine Sadolin, Julian McGlashan, MD, FACS

Workshops Session III (2:50pm-3:40pm)

Demonstration of the Essential Warm-Up for the Mature Female Voice in Classical Choral Singing

Rebecca Mosely-Morgan, PhD, ARCM

Scream Or Straw: Distortion as a Novel SOVT Tool in Voice Habilitation & Rehabilitation

Geddy Warner, MM, BM, Sarah Kervin, CCC-SLP, MM, MS, BM

Nasal Resistance (NR) Technique for Patients and Performers

Nandhu Radhakrishnan, PhD, CCC-SLP

Empathy in Action: Practical Strategies for Voice Care Professionals

Kacie La Forest, CCC-SLP, Caroline Murrah, CCC-SLP

Dead Voice: A Roadmap for Developing Opinion in the Voice

Corbin Abernathy, M.Perf.A, BM

Achieving Relevance with a Rewired Generation of Singers

Brenda Smith, DMA

Conversation Training Therapy: Let's Talk It Through and DO IT!

Jackie Gartner-Schmidt, CCC-SLP, Amanda Gillespie, PhD, CCC-SLP

All Mixed Up: Exploring Belt and Mix Options in Musical Theatre

Jared Trudeau, MFA, BA, Jared Trudeau, PhD, MM, BM

Renée Fleming Master Class

Friday (4:00pm-5:15pm)

Academy of Vocal Arts

Saturday, May 31

6:45am-8:00am **New Investigator Research Forum**
Chair: Rita R. Patel, PhD

Medical Session I-A (8:00am—9:31am) Concurrent
Chair: **Peiyun Zhuang, MD**
The Westin Philadelphia Hotel Grand Ballroom, Salon I

- 8:00am** **Speech-to-Noise Ratio and Voice-to-Noise Ratio of Some Voice Databases with Implications for Acoustic Voice Analysis**
Duy Duong Nguyen, MD, PhD, Rijul Gupta, BA, Catherine Madill, PhD, CCC-SLP, SLP
- 8:07am** **The Agreement Between a Transducer and a Microphone in The Analysis of a Synthesized Vowel – Using a Laboratory Model as a Preliminary Experiment**
Pedro Pestana, PhD, SLP, André Araújo, PhD, SLP, Rita Alegria, PhD, SLP, Celso Melo, Maria Conceição Manso, PhD
- 8:14am** **Characterization of Commercially Available Contact Microphones for Voice Assessment**
Adrián Castillo-Allendes, SLP, MS, Mark L Berardi, PhD, Ahmed Yousef, PhD, MS, Eric J Hunter, PhD, MS
- 8:21am** **Application of Artificial Intelligence and Its Integration with Voice Science in Vocal Fold Injury Prediction and Recovery Due to Thyroidectomy: A Narrative Review**
Matin Varmazyar, MD, Negin Moradi, PhD, SLP, Mohammadamin Rami, BS
- 8:28am** **Voice Mapping of TTS Systems: The Role of Phonetic Metrics in AI Voice Evaluation**
Huanchen Cai, BA, MA, Sten Ternström, PhD, MS
- 8:35am** **Optimizing Speech Stimuli for Enhanced Machine Learning Performance in Voice Quality Assessment**
Ahmed Yousef, PhD, Mark Berardi, PhD, Eric Hunter, PhD
- 8:42am** **Discussion**
- 8:49am** **The Role of Pause Features in Automated Voice Disorder Detection**
Mark Berardi, PhD, BS, Ahmed Yousef, PhD, MS, BS, Adrián Castillo-Allendes, MS, BS, Juliana Codino, PhD, CCC-SLP, Adam Rubin, MD, Eric Hunter, PhD, MS, BS
- 8:56am** **Utilizing Online, Crowdsourced Platforms for Large-N Data Collection in Voice Science: Prices, Pitfalls, and Perks**
Christopher Apfelbach, PhD, CCC-SLP, Lady Catherine Cantor-Cutiva, PhD, SLP, Eric J. Hunter, PhD
- 9:03am** **The Influence of Laryngeal Nerve Transection on The Expression of Aquaporin 1 (AQP1) in the Larynx.**
Shi Mengxuan, MS, Zhuang Peiyun, MS
- 9:10am** **Quantitative Analysis on Characteristics of Electromyography and Evoked Potential in Normal Laryngeal Muscles**
Yuhong Lin, MD, Rong Hu, MD, Liyu Cheng, MD, Xueyan Li, MD, Wen Xu, MD
- 9:17am** **Quercetin Inhibits Vocal Fold Injury-Induced Fibrosis Through the PI3K/AKT Signaling Pathway.**
Qiurong Yang, MM, Peiyun Zhuang, MM
- 9:24am** **Discussion**

Medical Session I-B (8:00am—9:31am) Concurrent
Chair: **Ashley O'Connell Ferster, MD**
The Westin Philadelphia Hotel Grand Ballroom, Salon I

- 8:00am** **Voice Pathology Diagnosed Most Commonly in Music Teachers and General Classroom Teachers.**
Valerie Trollinger, DM, MM, Robert Sataloff, MD, DMA, FACS
- 8:07am** **A Systematic Review on the Short-Term and Long-Term Laryngeal Complications of COVID-19**
Josette Graves, MS, BA, Victor Chai, BA, Samuel Bosco, DO, BS, Kenchukwu Charles-Obi, MS, Howie Robins, BA, Macc, Harrison Roberts, BS, Robert Sataloff, MD, DMA, FACS
- 8:14am** **Title-Videostroboscopic Changes and Voice Handicap Index(Vhi) in Professional Voice User and Comparison with Non-Professional Voice Users**
Kabikanta Samantaray, MS

Saturday, May 31, cont.

- 8:21am** **The Temporal Impact of Dehydration on Rat Ultrasonic Vocalizations in the Context of Reduced Circulating Estrogen**
Kaitlyn Dwenger, PhD, Taylor Bailey, PhD, MS, MPH, Abigail Cox, PhD, DVM, Preeti Sivasankar, PhD, CCC-SLP, Allison Schaser, PhD, CCC-SLP
- 8:28am** **Biomechanical Changes in Vocal Fold Dynamics during Examination with Flexible Stroboscopy**
Walter Orlando Tenesaca Pintado, PhD, Roberto Fernández Baíllo-Gallego de la Sacristana, PhD, Isabel Cardoso López, PhD
- 8:35am** **Effect of Stress Balls on Perceived Discomfort During Flexible Laryngoscopy**
Caroline Murrach, CCC-SLP, MS, BM, Ashley O'Connell Ferster, MD
- 8:42am** **Discussion**
- 8:49am** **A Rare Case of Spontaneous Resolution of Laryngeal Amyloidosis**
Talitha Lewis, MD, MBA
- 8:56am** **A Systematic Review on Laryngeal Leiomyosarcoma: A Rare Soft Tissue Malignancy of the Head and Neck**
Josette Graves, MS, BA, Allison Altman, DO, Thanh Dinh, DO, Robert Sataloff, MD, DMA, FACS
- 9:03am** **Asthma in Professional Singers: Critical Importance of Baseline Lung Assessments**
Thomas Irwin, MD, MM, Carla Keirns, MD, PhD, MS, Angela Li, MD, Aidan Sodor, DMA, Selena Gierer, DO, Nancy Stewart, DO
- 9:10am** **Effect of Pharyngeal Length on Pressures Exerted by Endotracheal Tubes on Posterior Laryngeal Tissues**
Denis Lafreniere, MD, MS, Talitha Lewis, MD
- 9:17am** **Fascia Implantation Medialization Laryngoplasty**
Katherine Mullen, MS, Bailey Balouch, MD, Josette Graves, MD, MS, BA, Vineetha Yadlapalli, BS, Robert T. Sataloff, MD, FACS, DMA
- 9:24am** **Discussion**

10:00am Panel

Providing Voice Therapy in the Post-COVID Era...Let's Get Creative!

Aaron Jaworek, MD, Moderator

Panelists: Ashley O'Connell Ferster, MD, Carly Bergey, CCC-SLP, Caroline Murrach, MS, CCC-SLP/SVS, Megan Durham, SVS

10:50am Awards

G. Paul Moore Lecture (11:10AM—12:00PM)

Chair: Robert T. Sataloff, M.D.

The Westin Philadelphia, Grand Ballroom

Music and Mind

Reneé Fleming

Saturday, May 31, cont.

Speech-Language Pathology A (1:00pm-3:08pm) Concurrent

Chair: Victoria McKenna, PhD

The Westin Philadelphia Hotel Grand Ballroom, Salon I

- 1:00pm Exploring the Potential Benefit of Immersive Virtual Reality to Reduce Anxiety in Individuals with Voice Disorders, a Systematic Review**
Bradley Hoff, CCC-SLP, MA, Brittany Palmer Carbone, CCC-SLP, MM, MS, Ümit Daşdöğen, PhD, CCC-SLP
- 1:07pm Integrated Vocal Deviation Index (IVDI): a Machine Learning Model to Classifier of the General Grade of Vocal Deviation**
Leonardo Lopes, PhD, Luiz Medeiros Lima-Filho, PhD, Telmo de Menezes Silva Filho, PhD
- 1:14pm Narrow Band Spectrogram Parameters: What Do We Know?**
Juliana Codino, PhD, CCC-SLP, Pasquale Bottalico, PhD, Adam Rubin, MD
- 1:21pm Development and Implementation of Open-Source Software for Vocal Loading Tasks (VLT)**
Mark Berardi, PhD, BS, Maria Dietrich, PhD, CCC-SLP, MS, BS, Eric Hunter, PhD, MS, BS
- 1:28pm Discussion**
- 1:32pm Beyond Performance: Using Dual-Task Paradigms to Measure Cognitive Load in Acquiring Voice Therapy Techniques**
Keiko Ishikawa, PhD, CCC-SLP, MM, Jennifer Yeatts, CCC-SLP, DMA, Elisabeth Renkert, CCC-SLP, MS, Isabelle Cramer, None
- 1:39pm Breathing Training in Vocal Rehabilitation of Dysphonic Singers: Randomized Clinical Trial**
Barbara Lopes, SLP, Gustavo Korn, MD, Flávio Nunes, MD, Ana Cristina Gama, PhD
- 1:46pm Using a Vortex Whistle System to Estimate Transglottal Airflow via the Phonation Quotient**
Shaheen Awan, PhD, MS, BA, Jordan Awan, PhD, MS, BS, Jun Chen, PhD, Gillespie Amanda, PhD, Victoria McKenna, PhD, David Eddins, PhD
- 1:53pm Comparing the Physiologic Response to Semi-Occluded Vocal Tract Exercises Versus Slow Breathing – A Pilot Study**
Sari Koppel, SLP, MS, Andrew Keltz, CCC-SLP, MS, Monica McHenry, PhD, CCC-SLP, Kadher Mohaideen Noorul Zaman, MPH, MBA, Michael Lerner, MD
- 2:00pm Discussion**
- 2:04pm Cepstral Peak Prominence Standard Deviation Across the Lifespan**
Elizabeth Heller Murray, PhD, CCC-SLP, Shaheeh Awan, PhD, CCC-SLP, Anne Hseu, MD, Roger Nuss, MD, Roseanne Clark, CCC-SLP, MS, Karen Zur, MD, Linda Carroll, PhD, CCC-SLP, Terri Giordano, DNP
- 2:11pm Physiological Measures of Autonomic Arousal in Vocal Hyperfunction**
Nicole Tomassi, BS, Allison Aaron, CCC-SLP, MS, Turley Duque, BA, Jose Rojas Olavarria, BS, Kaitlyn Siedman, BS, Namita Rajasubramanian, BS, Franklin Phan, None, Cara Stepp, PhD, BS
- 2:18pm What Do Teachers Know and What Don't They Know About Their Voices and Vocal Health?**
Kenneth Levine, PhD, Adrián Castillo-Allendes, SLP, MS, Lady Catherine Cantor-Cutiva;, PhD, CCC-SLP, Eric Hunter, PhD
- 2:25pm The Vocal Fatigue Index for Teachers (VFI-TEACH): Development and Validation**
Zeth Everick Collom, PhD, CCC-SLP, Chayadevie Nanjundeswaran Guntupalli, PhD, CCC-SLP, Tobias Kroll, PhD, CCC-SLP, Melinda Corwin, PhD, CCC-SLP, Angela Van Sickle, PhD, CCC-SLP, Leigh Ann Reel, PhD, CCC-AUD
- 2:32pm Discussion**
- 2:36pm General Degree of Vocal Deviation Index (GDI) Based on Fuzzy Logic: Development and Validation**
Samuel Ribeiro de Abreu, PhD, Ronei Moraes, PhD, Leonardo Lopes, PhD
- 2:43pm Influence of Visual Input on Vocal Intensity and Pitch Control in Trained vs. Untrained Female Speakers Using Immersive Virtual Reality**
Joseph Hitchcock, MM, MS, Umit Dasdogan, PhD, CCC-SLP
- 2:50pm Difference in Acoustic Measures Between Sustained and Sung Vowels: A Comparison Of Singers' Voices Using the Voxplot Software**
Glauca Verena Sampaio de Souza, SLP, BM, Tim Bressmann, PhD, Katia Nemr, PhD, SLP

Saturday, May 31, cont.

2:57pm Voice Assessment in Hospital Settings: Contact Microphones as a Potential Solution

Adrián Castillo-Allendes, SLP, MS, Mark L Berardi, PhD, Fernanda Figueroa-Martínez, SLP, MS, Ahmed Yousef, PhD, MS, Eric J Hunter, PhD, MS

3:04pm Discussion

3:08pm Break

Speech-Language Pathology A, Cont. (3:38pm-6:04pm) Concurrent

Chair: Anne-Maria Laukkanen, PhD

The Westin Philadelphia Hotel Grand Ballroom, Salon I

3:38pm Evidence of the Effect of Amplification and Voice Production Among Teachers

Lady Catherine Cantor-Cutiva, PhD, SLP, MS, Karol Acevedo, SLP, Marco Guzman, PhD, SLP, Juan Carlos Gonzalez, PhD, Eric Hunter, PhD

3:45pm Effect of Wide Resonance Flexible Tube Submerged in Water on Voice and Aerodynamic Characteristics

Sandra Rojas, PhD, SLP, MS, Anne-Maria Laukkanen, PhD, SLP, MS

3:52pm Prevalence and Participatory Impact of Vocal Fatigue and Voice Symptoms in a Naïve, Non-Treatment-Seeking Online Sample

Christopher Apfelbach, PhD, CCC-SLP, Lady Catherine Cantor-Cutiva, PhD, SLP, Eric J. Hunter, PhD

3:59pm Effects of Vocal Disability on Markers of Stress and Mental Health in a Large Online Sample

Christopher Apfelbach, PhD, CCC-SLP, Lady Catherine Cantor-Cutiva, PhD, SLP, Eric J. Hunter, PhD

4:06pm Discussion

4:10pm Psychophysical Scales for Dysphonic Voice Quality Developed Using a Three-Dimensional Magnitude Estimation Task

Yeonggwang Park, PhD, Karly Bello, BS, Shaheen Awan, PhD, CCC-SLP, Victoria McKenna, PhD, CCC-SLP, Supraja Anand, PhD, Rahul Shrivastav, PhD, CCC-SLP, David Eddins, PhD, CCC-A

4:17pm Presenting the CAPE-Vr: Survey of Users' Reactions

Kathleen Nagle, PhD, CCC-SLP, Gail Kempster, PhD, CCC-SLP, Nancy Solomon, PhD, CCC-SLP

4:24pm The Relationship Between Voice Quality and Vocal Effort Under Conditions of Vocal Loading

Mark Berardi, PhD, BS, Eric Hunter, PhD, MS, BS

4:31pm Efficacy of Speech-Language Pathology Management for Refractory Chronic Cough: A Randomized Controlled Trial with Double-Dummy Blinding

Mara Behlau, PhD, SLP, Rodrigo Dornelas, PhD, SLP, Vanessa Veis Ribeiro, PhD, SLP

4:38pm Discussion

4:42pm The Correlation Among Voice Handicap Index-10 (VHI-10), Vocal Tract Discomfort Scale (VTD), and Reflux Symptom Index (RSI) Among College Students

Mahdi Tahamtan, PhD, Karoline Fitz, BS, Susana Keller, PhD, SLP

4:49pm Experiences of Group Voice Training in Gender Diverse People: A Qualitative Study

Evelien D'haeseleer, PhD

4:56pm SOVT Success for Saxophonists and Resolving Playing-Related Pain

K. Annalize Sussman, CCC-SLP, MM, MS, Lyndsay Madden, FACS, DO

5:03pm Communicative Characteristics of Voices Perceived as Feminine, Masculine, and Neutral: A Study with Brazilian Listeners

Diego Martinho, SLP, MS, Camilly Reis, Ana Carolina Constantini, PhD, SLP

5:10pm Discussion

5:14pm What Are the Acoustic and Communicative Characteristics of Voices Perceived as Neutral in Brazil?

Diego Martinho, SLP, MS, Camilly Reis, Ana Carolina Constantini, PhD, SLP

Saturday, May 31, cont.

- 5:21pm Immediate and Cumulative Effects of Meditation in Voice Therapy Using Immersive Virtual Reality (IVR)**
Bradley Hoff, CCC-SLP, MA, Brittany Palmer Carbone, CCC-SLP, MM, MS, Ümit Daşdöğen, PhD, CCC-SLP
- 5:28pm Assessing the Handicapping Impact of Voice Disorders on Human and Automated Communications**
Diana Orbelo, PhD, CCC-SLP, Elizabeth Renkert, MS, Hannah Baratz, BS, Jennifer White, DMA, David Hernandez Montealegre, None, Linda Yin, MD, Windon Melina, MD, Semirra Bayan, MD, Mary Pietrowicz, PhD, Keiko Ishikawa, PhD
- 5:35pm Discussion**
- 5:39pm An Integrative Supraglottic Sound Source Taxonomy for Pathological Speaking Voice: a Case Series**
Mathias Aaen, PhD, MA CC, BA MMC, Cathrine Sadolin, None, Julian McGlashan, MD, FACS
- 5:46pm Development of a Vocal Fitness Task: Exploring the Relationship Between Anaerobic Power and Vocal Function Measures**
Mariah Morton-Jones, PhD, CCC-SLP, Mary Sandage, PhD, CCC-SLP
- 5:53pm Training Speech Pathology Students in the Interpretation of Pediatric Laryngeal Ultrasound Images**
Estella P.-M. Ma, PhD, Julianne, T. Lee, BSc(SHS), Alice K.-Y. Siu, MD
- 6:00pm Discussion**
- 6:04pm Dinner**

Speech-Language Pathology B (1:00pm-3:08pm) Concurrent

Chair: *Catherine Madill, PhD, SLP*
The Westin Philadelphia Hotel Grand Ballroom, Salon II

- 1:00pm Systematic Review of Vocal Tasks for Acoustic and Auditory Perceptual Evaluation of Voice**
Dr Dhanshree R Gunjawate, PhD, SLP, Antonia Chacon, SLP, BS, Dr Duy Duong Nguyen, MD, PhD, Dr Catherine Madill, PhD, SLP
- 1:07pm Assessing the Feasibility of Using The Complete Vocal Technique-Voice Therapy (CVT-VT) in the Treatment of Patients with Primary Muscle Tension Dysphonia (pMTD)**
Mathias Aaen, PhD, MA CC, BA MMC, Julian McGlashan, MD, FACS, Cathrine Sadolin, None, Anna White, CCC-SLP, MS, BS, Brian Saccente-Kennedy, SLT, M.Sc. Cert. MRCSLT
- 1:14pm Singing-Based Voice Therapy versus Traditional Voice Therapy for Patients with Presbyphonia**
Crystal Wing-nam Yuen, BBA, MST, Estella Pui-man Ma, PhD, Alice Kwai-ye Siu, MBChB, MMed(Paed)
- 1:21pm Top 10 Therapy Successes for Pediatric Performers vs. Non-performers**
Paula Barson, CCC-SLP, Abigail Rosenberg, CCC-SLP, Linda Carroll, PhD, CCC-SLP, Karen Zur, MD
- 1:28pm Discussion**
- 1:32pm A Study of Persian English Teachers' Voices: Do Acoustic Voice Characteristics Change When Speaking in English and Farsi?**
Hamide Ghaemi, PhD, Fatemeh Aghaei, Dimitar D Deliyiski, PhD, Hamed Ghaemi, PhD, Mahshid Hojabr, BA, Zahra Zoleikhaei Sarasia, BA
- 1:39pm The Cognitive Load Associated with Phonatory Modes**
Jennifer Yeatts, CCC-SLP, DMA, MS, Olivia Stevens, None, Keiko Ishikawa, PhD, CCC-SLP, MM
- 1:46pm Voice Quality and Voice-Related Quality of Life of Children Choir Singers**
Casey Dewanckele, SLP, MS, Kristiane Van Lierde, PhD, SLP, MS, Evelien D'haeseleer, PhD, SLP, MS, Iris Meerschman, PhD, SLP, MS
- 1:53pm Children's Ability to Identify and Describe Dysphonia: A Multimethod Study**
Carlotta De Biasio, SLP, BS, Ciarán Kenny, PhD, SLP, MS, BS
- 2:00pm Discussion**

Saturday, May 31, cont.

- 2:04pm** **Effects of a Maximum Pitch Stretching Regimen on Pitch Ceiling, Habitual Pitch, and Glottal Closure: Potential Role of the Vocal Ligament**
Lynn Maxfield, PhD, Ingo Titze, PhD
- 2:11pm** **Short-term Effects of Semi-occluded Vocal Tract Therapy on the Phonation of Children with Vocal Fold Nodules: a Randomized Controlled Trial.**
Kristiane Van Lierde, PhD, Anke Adriaansen, PhD, Iris Meerschman, PhD, An-Sofie Claeys, MD, Imke Kissel, PhD, Tine Papeleu, PhD, Evelien d'Haeseleer, PhD
- 2:18pm** **Comparative Analysis of Speech Reinvestment in Voice Professionals and Non-Professionals**
Deborah Feijó, SLP, Vanessa Veis Ribeiro, PhD, SLP, Taila Albuquerque, SLP, Danielle Maciel, SLP, Mariana Souza, SLP, Djanira Nogueira dos Santos Fernandes, SLP, Stephanie Azevedo, SLP, Alan Mendonça, SLP, Maria Cristina Borrego, PhD, SLP, Fabiana ZAmbon, PhD, SLP, Bruna Rainho Rocha, PhD, SLP, Mara Behlau, PhD, SLP
- 2:25pm** **The Effects of Combining Infrared Light Therapy with Laryngeal Manual Therapy on Voice Characteristics of Patients with Muscle Tension Dysphonia**
Negin Moradi, PhD, Raziye Zare Mehrjardi, MS, Mohammad-Jafar Shaterzadeh-Yazdi, PhD, Majid Soltani, PhD, Ehsan Naderifar, PhD, Maryam Dastoorpour, PhD, Zohre Safari, MS, Matin Varmazyar
- 2:32pm** **Discussion**
- 2:36pm** **Analyzing the Effects of Working Conditions During the COVID-19 Pandemic on Healthcare Workers' Voices. Lessons for The Post-Pandemic Era**
Lady Catherine Cantor-Cutiva, PhD, SLP, MS, Andrés Carrillo-González, MS
- 2:43pm** **Connecting Voice Therapy Prompts with Anatomy and Physiology via the Estill Voice Model and the Rehabilitation Treatment Specification System**
Elizabeth Grillo, PhD, CCC-SLP, Karen Perta, PhD, CCC-SLP, Kimberly Steinhauer, PhD, Jeremy Wolfberg, CCC-SLP, MS, Jarrad Van Stan, PhD, CCC-SLP
- 2:50pm** **Mapping Multidimensional Voice Assessment Procedures and Results in Individuals with Sleep-Related Breathing Disorder: A Scoping Review**
Mara Behlau, PhD, SLP, Fernanda Brasileiro, SLP, Mayra Ayupe, SLP, Bruna Rainho Rocha, PhD, SLP, Vanessa Veis Ribeiro, PhD, SLP
- 2:57pm** **Evaluating CAPE-V: Advantages, Disadvantages, and Recommendations**
Troy Dargin, PhD, CCC-SLP, MM, MS, MA, Karly Chan, None, Jeff Searl, PhD
- 3:04pm** **Discussion**
- 3:08pm** **Break**

Speech-Language Pathology B, Cont. (3:38pm-6:04pm) Concurrent

Chair: *Charles Nudelman, CCC-SLP, MS*

The Westin Philadelphia Hotel Grand Ballroom, Salon II

- 3:38pm** **Impact of the Practical Semester's Demands on the Vocal Fatigue of Physical Education and Sports Pedagogy Students: An Online Longitudinal Study**
Fernanda Figueroa-Martínez, SLP, MS, BS, Macarena Grupe, SLP, MS, BS, Adrián Castillo-Allendes, SLP, MS, BS, Eric Hunter, PhD, MS, BS
- 3:45pm** **Recorded Versus Live Voice: Possibilities of Remote Voice Evaluation**
Namita Joshi, PhD, SLP, Meet Nikum, SLP
- 3:52pm** **Voice Adaptation and Therapy in Virtual Reality: Exploring Sensory Integration and Feasibility**
Charles Nudelman, CCC-SLP, MS, Asritha Tunuguntla, None, Naomi Ha, None, Isabella Rogala, None, Kaliyah House-Henry, None, Bella Lopez, None, Ricardo Perez Guerrero, MM, Pasquale Bottalico, PhD
- 3:59pm** **Telehealth Voice Assessment by Speech Language Pathologists Using Principles of a Speech-Language Pathology Primary Contact Model.**
Christopher Payten, SLP, BS, Kelly Weir, PhD, SLP, Duy Duong Nguyen, MD, PhD, Daniel Novakovic, MD, John O'Neill, MD, Catherine Madill, PhD, SLP
- 4:06pm** **Discussion**

Saturday, May 31, cont.

- 4:10pm Voice-Related Quality of Life, Acoustic, Aerodynamic Features of Older Adults With and Without Presbyphonia: A Preliminary Study**
Shaohua Gao, MEd, Estella P.-M. Ma, PhD, Kwai-Yee Alice Siu, MMed(Paed)
- 4:17pm Combined Respiratory Muscle Strength Training for People with Presbyphonia**
Feiyun Jiang, MS, Yang Chen, PhD, Manwa Ng, PhD
- 4:24pm Towards Reliable Acoustic Voice Assessments: Effects of Room Acoustics on Measurement Accuracy**
Ahmed Yousef, PhD, Eric Hunter, PhD
- 4:31pm The Impact of Visual Input on Vocal Intensity in Immersive Virtual Reality: Effects of Speaker-to-Listener Distance and Room Size**
Ümit Daşdöğen, PhD, CCC-SLP, Joseph Hitchcock, SLP, MS, Kartherine Verdolini Abbott, PhD, CCC-SLP
- 4:38pm Discussion**
- 4:42pm More Than Meets the Eye: The Impact of Visual Information on Evaluating Dysphonia Severity**
Keiko Ishikawa, PhD, CCC-SLP, MM, Lily Carpenter, BS, Raleigh de los Reyes, BS, Diana Orbelo, PhD, CCC-SLP
- 4:49pm Effect of Water Resistance Therapy Frequency: A Cross-Sectional Study In Healthy Adults In One-Day Practice**
Sandra Rojas Azocar, PhD, SLP, MS, Alejandro Ianiszewski, PhD, SLP, MS, Anthony Marcotti, PhD, SLP, MS
- 4:56pm Effect of a Straw Phonation Therapy Program on the Voice of Female Speech-Language Pathology Students with Mild Dysphonia**
Casey Dewanckele, SLP, MS, Evelien D'haeseleer, PhD, SLP, MS, Peter Tomassen, MD, Frederick Dochy, MD, Kristiane Van Lierde, PhD, SLP, MS, Iris Meerschman, PhD, SLP, MS
- 5:03pm Experienced Listeners' Perceptual Spaces of Strain and Roughness**
Taylor Stone, PhD, BM, Molly Erickson, PhD, CCC-SLP, MM
- 5:10pm Discussion**
- 5:14pm Language Use Between Male-to-Female Transgender and Cisgender Cantonese Speakers: A Preliminary Investigation of the Use of the Sentence-Final Particle**
Chit Wong, MS, BA, Yifeng Wei, MS, BS, Thomas Law, PhD, MS, BS
- 5:21pm Effectiveness of the Cantonese Perceptual Evaluation of Voice (CanPEV) Training Platform on the Rating Accuracy in Novice Raters**
Zikai Wang, BS, Mphil, Wilson Shing Yu, BS, Mphil, Yifeng Wei, MS, BS, Thomas Law, PhD, MS, BS
- 5:28pm A Randomised Controlled Study: The Correlation Between Cognitive Functions and Voice in the Rehabilitation**
Stefania Porcaro, SLP, MS, Bernardo Lanzaro, SLP, MS, Andrea Di Somma, MD, Simona Cunato, BS, Alfonso Borragàn Torre, MD, PhD, Chiara Falanga, MD, MS, Daniele Apredda, SLP, MS, Katherine Verdolini Abbott, PhD, CCC-SLP
- 5:35pm Discussion**
- 5:39pm Vocal Effort and Swallowing Effort. Definitions and Metrics Reported in the Literature**
Lady Catherine Cantor-Cutiva, PhD, SLP, MS, Büşra Ensar, SLP, Adrian Castillo-Allendes, SLP, MS, Jeff Searl, PhD, CCC-SLP, Eric Hunter, PhD
- 5:46pm Impact of Nebulization Associated with Vocal Exercise on Acoustic Measurements After Dehydration in Women**
Mariana Ripari Bassetto, SLP, MS, Ana Carolina Constantini, PhD, SLP, MS
- 5:53pm Discussion**
- 6:04pm Dinner**

Saturday, May 31, cont.

SLP/Voice Pedagogy A, (7:00pm-8:52pm) Concurrent

Chair: Julia Gerhard, CCC-SLP, DMA

The Westin Philadelphia Hotel Grand Ballroom, Salon I

- 7:00pm Application of Dual-Task Training in the Context of Perceptual-Motor Learning Principles in Voice Learning**
Bernardo Lanzaro, SLP, MS, Roberto Guericchio, MM, BA, Katherine Verdolini Abbott, PhD, CCC-SLP
- 7:07pm Effects of a 6-Week Mindfulness Course in Student Singers**
Catherine Kay Brown, BA, Julia Gerhard, CCC-SLP, DMA
- 7:14pm Anatomical Description and Possible New Phonatory Mechanism “M-Scream” (Case Study)”**
Nicolás Hormazabal, Sandra Rojas, PhD
- 7:21pm A Comparison of Collegiate Singers’ Vocal Load & Perceived Vocal Health in Solo and Choral Contexts**
Zachary Devin, PhD, Melissa Grady, PhD
- 7:28pm Effectiveness of a Behavioural Intervention for Chronic Cough: A Randomized Control Trial**
Yamini Venkatraman, SLP, MSc SLP, Vishak Acharya, MBBS, DTCD, DNB, Sindhu Kamath, MD, MBBS, MD, Dhanshree Gunjawate, PhD, SLP, Radish Kumar B, PhD, SLP
- 7:35pm Discussion**
- 7:42pm Autonomic Dysfunction and HRV Biofeedback in Functional Dysphonia**
Iris Meerschman, PhD, SLP, MS, Evelien D’haeseleer, PhD, SLP, MS, Marie-Anne Vanderhasselt, PhD, MS, An-Sofie Claeys, MD, PhD, MS, Kristl Vonck, MD, PhD, MS, Riet Vergauwe, MS, Gwen Van Nuffelen, PhD, SLP, MS, Gauthier Desuter, MD, PhD, MS, Nelson Roy, PhD, CCC-SLP, MS, Kristiane Van Lierde, PhD, SLP, MS
- 7:49pm Can the CAPE-V Sentences as a Continuous Speech Task Reveal Differences in Voice Onset Time (VOT) Between Postlingual Cochlear Implant Users and Normal Hearing Peers?**
Fatemeh Aghaei, SLP, MS
- 7:56pm Experiences with Healthcare of Patients with Unilateral Vocal Fold Paralysis: A Qualitative Study**
Kristiane Van Lierde, PhD, Imke Kissel, PhD, Iris Meerschman, PhD, Evelien d’Haeseleer, PhD, Peter Tomassen, PhD
- 8:03pm Clinical Effects of Voice Therapy on Vocal Outcomes in Unilateral Vocal Fold Paralysis: Proof of Concept Study For Two SOVT-Based Treatment Protocols**
Kristiane Van Lierde, PhD, Imke Kissel, PhD, Iris Meerschman, PhD, Evelien d’Haeseleer, PhD, Tine Papeleu, PhD, Clara leyns, PhD, Peter Tomassen, PhD, An-Sofie Claeys, MD, PhD
- 8:10pm Discussion**
- 8:17pm Distinguishing Essential Vocal Tremor from Vibrato**
Corey Cifuentes Hollinger, MA, J. Austin Collum, CCC-SLP, MA, Julie Barkmeier-Kraemer, PhD, CCC-SLP
- 8:24pm Co-Designing Stimulus for Phonetic and Clinical Evaluation of Transgender Voice Therapy**
Tuende Szalay, PhD, MA, John Holik, MMedPhys, Catherine Madill, PhD, BA, BAppSc
- 8:31pm Trans-Positionality: A Qualitative Study of the Trans-Feminine Singing Voice**
Dr. Jeanne Goffi-Fynn, MM, EDD, Felix Graham, MM, EDD
- 8:38pm Global Database of Auditory-Perceptual Voice Assessments: A Resource for Voice Research and Training. Preliminary Results**
Neus Calaf, PhD, SLP
- 8:45pm Discussion**

Saturday, May 31, cont.

SLP/Voice Pedagogy B, (7:00pm-8:52pm) Concurrent

Chair: Michael Doellinger, PhD

The Westin Philadelphia Hotel Grand Ballroom, Salon II

- 7:00pm** **Effect of Structured Warm-up on Children's Singing Voices**
Andrea Asztalos, PhD
- 7:07pm** **Listening For Adolescents: A Mixed Methods Approach**
Jeanne Goffi-Fynn, MM, EDD, Matthew Tiramani, MM, EDM, Jameelah Taylor, MA
- 7:14pm** **Considerations for Young Voice Users: A Survey of Singing Teachers and Music Educators on Voice Development and Fach Assignment in Adolescents**
Elle Gilbert, MA, BM, CF-SLP, Abby Atkins, MA, CF-SLP, Miriam van Mersbergen, PhD, CCC-SLP
- 7:21pm** **Self and Listener Perceived Gender Perception of the Musical Theatre Singing Voice**
Rachel Klippel, BM, BME, Kayla Gautereaux, MM, BM, Joshua Gilbert, MM, BM, Megan Stahl, PhD
- 7:28pm** **Voice Outcomes During Clear Speech Instruction in Individuals with Parkinson's Disease**
Allison Aaron, CCC-SLP, MS, Daria Dragicevic, BA, Daphne Toggia, BA, Alex Estrada, BS, Kaitlyn Siedman, BS, Elana Felig, Cara Stepp, PhD
- 7:35pm** **Discussion**
- 7:42pm** **Acoustic Indicators of Parkinson's Disease: A Systematic Literature Review of Clinical Practices**
Ahmed Yousef, PhD, Lady Cantor-Cutiva, PhD, SLP, MS, Eric Hunter, PhD
- 7:49pm** **Incidence of Laryngeal Pathology Findings During Fiberoptic Endoscopic Evaluation of Swallow (FEES) in Parkinson's Disease**
Natalia Lastowiecka, MA CF-SLP, Melissa Grassia-Chisholm, CCC-SLP, MS
- 7:56pm** **SOVTE Effects on Different Sound Quality Targets – Comparing and Aligning Sound and Intervention using Vocal Tract Discomfort Scale, Aerodynamic, Electroglottographic, and Acoustic Measures**
Mathias Aaen, PhD, MA CC, BA MMC, Mari Leppavuori, MFA, BA
- 8:03pm** **The Role of Resonant Cavities in Amplifying The Emotional Impact of Actors' Voices**
Andrei Costin Bratan, PhD, Eduard Franti, PhD, Monica Dascalu, PhD, Bianca Mihaela Boga, PhD, Ana Maria Oproiu, PhD, Andreea Marinescu, PhD, Ilinca Silvia Morosanu, Cătălin Niculae, Ana Voichita Tebeanu, PhD, Gabriela Iorgulescu, PhD, Gizem Yilmaz, PhD
- 8:10pm** **Discussion**
- 8:17pm** **Acoustic Study of Voice Source and Vocal Tract Adjustments Elicited with a Standard Reading Passage: Effect of Voice Disorders**
Chia-Hsin Wu, SLP, MS, BS, Roger W. Chan, PhD, Yu-Ning Chiang, MS, Li-Chun Hsieh, MD, Eric J. Hunter, PhD
- 8:24pm** **A Deep Learning Approach for Feedback in Resonant Voice Therapy**
Shorouk Awwad, MS, Khairy Anuar Mohd Khairuddin, PhD, SLP, Michael Doellinger, PhD
- 8:31pm** **Study on Establishing Rabbit Models for Different Durations of Voice Rest**
Linlin Lan, MS, Peiyun Zhuang, MD
- 8:38pm** **Analysis of Voice in Myasthenia Gravis Utilizing the Acoustic Voice Quality Index and Dysphonia Severity Index**
Xiuli Song, MS, Yang Chen, PhD, Manwa Ng, PhD
- 8:45pm** **Discussion**

Sunday, June 1

Medical Session II-A (8:00am—9:31am) Concurrent Session

Chair: Mausumi Syamal, MD

The Westin Philadelphia Hotel Grand Ballroom, Salon I

- 8:00am Lymphatics of the Vocal Fold Revisited: Benefit or Burden?**
Demi Zapata-Gerken, DO, MS, J. Scott Greene, MD, FACS, Kenneth Altman, MD, PhD, FACS
- 8:07am Cross-Sectional Imaging and Glottal Cycle Reconstruction for the Outpatient Voice Clinic using Optical Coherence Tomography**
Anna M. Wisniowiecki, MS, BS, Clayton B. Walker, BS, Wihan Kim, PhD, BS, Michael M. Johns III, MD, BS, Brian E. Applegate, PhD, BS
- 8:14am Coronal Plane and Subsurface Imaging of Vocal Fold Vibration Using a Novel Optical Coherence Tomography Laryngoscope in Normal Human Subjects**
Diego Razura, BS, Anna Wisniowiecki, MS, Zhaoyan Zhang, PhD, Marcela Moran, BS, Brian Applegate, PhD, Michael Johns III, MD
- 8:21am Imaging Vocal Fold Medial Surface Vibration in Different Vocal Registers Using Optical Coherence Tomography**
Zhaoyan Zhang, PhD, Anna Wisniowiecki, PhD, Melissa Treinkman, PhD, Bette Wo, BS, Emma Glenane, BS, Diego Razura, MD, M. Eugenia Castro, CCC-SLP, MS, Brian Applegate, PhD, Michael Johns, MD
- 8:28am Non-Invasive Imaging of the Vocal Apparatus's Bony Structures Using Zero Echo Time Magnetic Resonance Imaging**
Swati Ramtilak, MS, Aiming Lu, PhD, James Holmes, PhD, James Holmes, PhD, Jarron Atha, BS, Eric Hoffman, PhD, Eric Hoffman, PhD, David Meyer, PhD, David Meyer, PhD, Sajan Lingala, PhD, Sajan Lingala, PhD
- 8:35am Evaluating State-of-the-art Deep Learning MRI Vocal Tract Airway Segmentation Techniques**
Subin Erattakulangara, PhD Student, Sarah Gerard, PhD, David Meyer, PhD, Karthika Kelat, Katie Burnham, PhD, Rachel Balbi, MS, Sajan Lingala, PhD
- 8:42am Discussion**
- 8:49am Refining Signal Typing: Enhancing Objectivity with Spectrographic Characteristics and Acoustic Measures**
Catherine Madill, PhD, SLP, Alfred Man Duy Duong Nguyen, MD, PhD
- 8:56am HGF-Regulated ADSCs Inhibition of TGF- β Signaling in Vocal Fold Repair**
Rong Hu, MD, Wen Xu, MD, PhD
- 9:03am Evaluating Vocal Fold Vibratory Changes with High-Speed Imaging Before, During, and After Semi-Occluded Vocal Tract Phonation**
Ümit Daşdöğen, PhD, CCC-SLP, Benjamin Laitman, MD, Elliana Devore, MD, Peak Woo, MD
- 9:10am Acoustic and High-Speed Videoendoscopy Analysis of Spastic Behaviors in Adductor Laryngeal Dystonia**
Gianna Spinelli, Dimitar Deliyiski, PhD, Sara Charney, CCC-SLP, Stephanie Zacharias, PhD, CCC-SLP, Maryam Naghibolhosseini, PhD
- 9:17am Vocal Fold Paresis – Contribution of Gender, Age, and Severity in Treatment Planning**
Julissa Li, BS, Saul Mota, BS, Priya Krishna, MD, Thomas Murry, PhD
- 9:24am Discussion**

Sunday, June 1, cont.

Medical Session II-B (8:00am—9:31am) Concurrent Session

Chair: Pavan Mallur, MD

The Westin Philadelphia Hotel Grand Ballroom, Salon I

- 8:00am Dysphonic Children: Performers vs. Non-performers**
Linda Carroll, PhD, CCC-SLP, MS, BM, Paula Barson, MA, CCC-SLP, Abigail Rosenberg, MA, CCC-SLP, KKaren Zur, MD
- 8:07am Relationship of Voice Disturbances in Performers Due to Reflux and Respiratory Allergies Signs**
R. Eugenia Chávez, MD, PhD
- 8:14am Reflux Experiences in Collegiate Vocal Performers**
Brittany Perrine, PhD, Jeremy Hathway, CCC-SLP, MS, Robert Best, DMA, Lauren M. Weber, MM, MFA, Bradford Holland, MD
- 8:21am Laryngopharyngeal Reflux and Characteristics in Chronic Cough Patients**
Omar Ramadan, MD, Robert Sataloff, MD, DMA, FACS
- 8:28am Assessment of pH Level and pH Stability in Commonly Available Alkaline Waters**
Matthew Cyphert, SLP, DMA, MM, MS, Daniel Croake, PhD, CCC-SLP, MM, Erin Donahue, CCC-SLP, BM, MA, Courtney Ventus, CCC-SLP, MS, BS
- 8:35am The Regulatory Mechanism of ULK1 in Endoplasmic Reticulum Stress in Pepsin-treated Laryngeal Epithelium Cells and Laryngeal Cancer Cells**
Yujie Feng, MD, PhD
- 8:42am Discussion**
- 8:49am Endoscopic Vocal Fold Shortening in Transgender Women: A Comparative Analysis of Pre- and Post-Treatment Long-Term Average Spectrum Analysis**
Courey Mark, MD, Ümit Daşdöğen, PhD, CCC-SLP, Johan Sundberg, PhD
- 8:56am Staged Procedures for Vocal Fold Paresis and Proposed Decision Paradigm for Type 1 Thyroplasty**
Josette Graves, MS, BS, Robert Sataloff, MD, DMA, FACS
- 9:03am Vocal Fold Augmentation in Patients with Both Age-Related Vocal Fold Atrophy and Parkinson's Disease**
Isabela H Schettini, MD, Brett Campbell, MD, Victoria Flormann, CCC-SLP, MS, Pavan Mallur, MD, Thomas Carroll, MD
- 9:10am Three-Year Follow-Up and Experience with Delayed Reinjection Using Silk-Hyaluronic Acid For Vocal Fold Augmentation**
Isabela Schettini, MD, Thomas Carroll, MD
- 9:17am Office-Based Blue Laser Therapy for Vocal Fold Cysts: A Case Series and Review of the Literature**
Abdul-Latif Hamdan, MD, FACS, MPH, EMBA, Marc Mourad, MD, Randa Barazi, MD, Patrick Abou Raji Feghali, MD, Zeina Maria Semaan, MD, Lana Ghzayel, PharmD
- 9:24am Discussion**

10:00am Panel

Vocal Therapy in Focus: A Dialog Among Specialties

Mara Behlau, PhD, SLP, Moderator

Panelists: Margaret Baroody, MM, Debra Phyland, PhD, SLP, Adam Rubin, MD, Ronald Scherer, PhD

10:50am Panel CoMeT

Performers : What to Do and What to Avoid

Moderator: R. Eugenia Chávez, MD, PhD

Panelists: Robert T. Sataloff, MD, DMA, FACS, Adam Rubin, MD, Michael Benninger, MD, Peak Woo, MD

11:40 AM Closing Remarks