Wednesday, May 29th

2:00pm  Welcome
The Westin Philadelphia Hotel, Grand Ballroom, Salon II
Robert T. Sataloff, MD

Tutorials

2:15pm  Anatomy and Physiology of Phonation: An Overview
Robert T. Sataloff, MD

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  Coffee Break

4:30pm  Phonation of Voice: An Overview
Ronald S. Scherer, PhD

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  Question and Answer

7:00pm  Adjourn
Thursday May 30th

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

Singing

Chair: Johan Sundberg, PhD

The Westin Philadelphia Hotel, Grand Ballroom, Salon II

8:10am  Biomechanical Sound Production in High-Pitched Classical Singing – the “Queen of the Night” Does Not Whistle
Matthias Echternach, MD, Fabian Burk, MD, Marie Köberlein, PhD, MS, Michael Döllinger, PhD, Michael Bardam, PhD, Bernhard Richter, MD, Ingo Titze, PhD, Coen Elemans, PhD, Christian Herbst, PhD

8:20am  The Effect of Physiologic Adjustments in Estill Exercises on Voice Outcome Measures
Kimberly Steinhauser, PhD, Cari Tellis, PhD, CCC-SLP, Nicholas Barone, PhD, CCC-SLP, Zhaoyan Zhang, PhD

8:30am  Singing in Virtual Vs Real Venues: is it the Same?
Pasquale Bottalico, PhD, Carly Wingfield, MM, BM, Charlie Nudelman, CCC-SLP, SLP, Joshua Glaser, PhD, Yvonne Gonzales Redman, BM

8:40am  Difficult Vowels in Singing
Brian Gill, DMA, MM, Johan Sundberg, PhD, Filipa La, PhD

8:50am  Polyphonic 16 Stop Vocal Tract Organ
David Howard, PhD, BS, David Chapman, BS

9:00am  Panel
Matthias Echternach, MD, Kimberly Steinhauser, PhD, Pasquale Bottalico, PhD, Brian Gill, DMA, MM, David M Howard, PhD, Catherine Madill, PhD, Priya Krishna, MD

(9:30-10:00AM)  Quintana Lecture

Biomedical Engineering Approaches in Understanding Vocal Fold Biology
Susan Thibeault, PhD

10:00am  Break

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

Phonatory Modeling

Chair: Ron Scherer, PhD

The Westin Philadelphia Hotel, Grand Ballroom, Salon II

10:30am  An Animal Phonatory Model With the Unilateral High Stiffness Curved Surface Asymmetric Vocal Fold
Pingjiang Ge, MD, Nan Huang, MD, Zhiyue Xiao, MD, Jinglin Su, MD, Yi Peng, MD, Jing Kang, MD, PhD

10:40am  Optimization Refined Biomechanical Parameter Estimation of Vocal Fold Models Using Neural Networks
Jonas Donhauser, MS, Bogac Tur, MS, Anne Schützenberger, MD, Michael Döllinger, PhD

10:50am  Acoustic, Aerodynamic, and Vibrational Effects of Ventricular Folds Adduction in Ex Vivo Models
Jing Kang, MD, PhD, Zhiyue Xiao, MD, Pingjiang Ge, MD

11:00am  Turbulent Flow Dynamics in Sustained Vowel Production: A Computational Study
Maruf Md Ikram, BS, Maryam Naghibolhosseini, PhD, Mohsen Zayernouri, PhD

11:10am  Semi-Occluded Vocal Tract in Infant Cry
Ingo Titze, PhD, BS

11:20am  Hybrid CT+MRI Vocal Tract Modeling in Living Participants
David Meyer, DM, MM, BM, Rushdi Rusho, MS, Subin Erattakulangara, BS, Wahid Alam, Jarron Atha, BS, Gary E. Christensen, David M. Howard, PhD, Sarah Vigmostad, PhD, Eric A. Hoffman, PhD, Ingo R. Titze, PhD, Christian T. Herbst, PhD, Austin T. Westover, Brad Story, PhD, Sajan Goud Lingala, PhD

11:30am  Panel
Pingjiang Ge, MD, Jonas Donhauser, MS, Jing Kang, MD, Maruf Md Ikram, BS, Ingo Titze, PhD, BS, David Meyer, DM, Linda Carroll, PhD, MPhil, MS CCC-SLP

12:00pm  Lunch Break
Thursday May 30th, cont.

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

Keynote Presentation (1:30-2:30pm), Chair Robert T. Sataloff, MD  
**Dr. Artificial Intelligence I Presume... Nightmare or New Dawn in Medicine?**  
*Atom Sarkar, MD, PhD, FAANS*

Basic Science Session III  (2:30pm – 3:00pm)  
**High Speed Videoendoscopy and Machine Learning**  
Chair: David Eddins, PhD  
The Westin Philadelphia Hotel, Grand Ballroom, Salon II

2:30pm  **Objective Assessment of Functional Dysphonia Based on Machine Learning and High-Speed Videoendoscopy**  
Tobias Schraut, Anne Schuetzenberger, Melda Kunduk, PhD, CCC-SLP, Matthias Echternach, Michael Doellinger

2:40pm  **Deep-Learning-Based Laryngeal Tissue Characterization Using High-Speed Videoendoscopy**  
Sardar Nafis Bin Ali, BS, Mohsen Zayernouri, PhD, Dimitar D. Deliyski, PhD, Maryam Naghibolhosseini, PhD

2:50pm  **Glottal Attack and Offset Time During Sustained Phonation in Neurogenic Voice Disorders**  
Trent Henry, BA, Samantha James, Dimitar Deliyski, PhD, Stephanie Zacharias, PhD, CCC-SLP, Maryam Naghibolhosseini, PhD

Basic Science Session IV  (3pm – 4:00pm)  
**Anatomy and Phonatory Threat**  
Chair: David Eddins, PhD  
The Westin Philadelphia Hotel, Grand Ballroom, Salon II

3:00pm  **Myosin Heavy Chain Isoforms in Mammalian Intrinsic Laryngeal Muscles: A Systematic Review**  
Christopher Apfelbach, PhD, CCC-SLP, Lady Catherine Cantor-Cutiva, PhD, Adrian Castillo, MS, Eric Hunter, PhD

3:10pm  **The Role of Threat Appraisal in Modulating Vocal Response to Aversive Internal Stimuli**  
Maude Desjardins, PhD, SLP, Vincent Martel-Sauvageau, PhD, SLP, Jorge Armony, PhD

3:20pm  **Implementing Teeth in Three-Dimensional Vocal Tract Models: Evaluating Methods Using CT, Intraoral Scanning, and ZTE MRI**  
David Meyer, DM, MM, BM, Aiming Lu, PhD, James H. Holmes, PhD, Rushdi Rusho, MS, Jacques Bugumba, Jarron Atha, BS, Gary E. Christensen, David M. Houard, PhD, Sarah Vigmostad, PhD, Eric A. Hoffman, PhD, Christian T. Herbst, PhD, Brad Story, PhD, Sajan Goud Lingala, PhD

3:30pm  **Panel**  
Tobias Schraut, Sardar Nafis Bin Ali, BS, Trent Henry, BA, Christopher Apfelbach, PhD, Maude Desjardins, PhD, David Meyer, DM, Thomas Carrol, MD, Brian Gill, DMA
Poster Presentations Session I 4PM-4:45PM

P1  Relationship of Cepstral Peak Prominence and Auditory-Perceptual Judgments of Severity in Varied Phonetic Contexts  
    Beau Braun, BA, Sarah Incorvaia, BA, Patrick R Walden, PhD

P3  But I Don’t Sound Like That! Exploring Accent and Developing The Artist Contemporary Commercial Music (CCM)  
    Dale Cox, PhD, MM

P5  Measuring Vocal Fatigability in Teachers: The Vocal Fatigability Scale for Teachers (VFS-T)  
    Silvia Contreras-Regatero, PhD, Josep Vila-Rovira, PhD

P7  The Longitudinal Structural and Acoustic Effects of Testosterone on The Voice in Trans and Gender Diverse Speakers: A Case Series  
    Allison Aaron, CCC-SLP, MS, Nicole Tomassi, BS, Taylor Feaster, BA, Alex Pan, BS, Miracle Cariaga, BA, Kalei Volk, Cara Stepp, PhD

P9  Case Presentation: Cricoarytenoid Arthritis – A Rare Extraspinal Manifestation of Ankylosing Spondylitis  
    Yuichi Igarashi, BS, Sophia Angelo, BS, Dennis Lafreniere, MD

P11 How is Voice Related to Speech Intelligibility? A Systematic Review  
    Shaohua Gao, Estella P.-M. Ma, PhD

P13 Cross-Cultural Adaptation of The Voice-Related Experiences of Nonbinary Individuals – VENI to Brazilian Portuguese  
    Vanessa Veis Ribeiro, PhD, Isabela dos Santos, SLP, Grace Shefek, PhD, Pei-tzu Tsai, PhD, Mara Behlau, PhD

P15 Mapping of The Procedures Used By Brazilian Speech-Language Pathologists in The Assessment and Vocal Intervention with Transgender Women  
    Vanessa Veis Ribeiro, PhD, Alline Rodrigues Brasil, SLP, Yago Bonfim Viana, SLP, Rodrigo Dornelas, PhD

P17 Registration Balance Exercises for Singers: A Comprehensive Training Model in The Treatment of Muscle Tension Dysphonia  
    Lori Sonnenberg, CCC-SLP, MM, BM

P19 Assigned Voice Type and Self-Esteem in First-Year Collegiate Treble Singers  
    Anissa Perona, MFA, BM, Megan Stahl, PhD, Kayla Gautereaux, MM, BM, Joshua Gilbert, BM

P21 Variability of Cepstral Peak Prominence in Children with Vocal Fold Nodules  
    Molly Allen, SLP, MM, Geralyn Harvey Woodnorth, CCC-SLP, Elizabeth Heller Murray, PhD, CCC-SLP

P23 Conservative Management of Large Laryngocele in Geriatric Patient  
    Margaret Mills, MD, Kourosh Parham, MD, PhD, FACS, Denis Lafreniere, MD

P25 A Comparison of Prosody Characteristics Before and After Gender-Affirming Vocal Feminization Therapy  
    Savannah Shanley, BS, Mary Wilkins, Angela Dionisio, CCC-SLP, MS, Renee Gustin, CCC-SLP, MS, Andres Llico, PhD, Victoria McKenna, PhD, CCC-SLP

P27 Correlation Between Auditory Perceptual Judgments, Singers’ Formant and Singing Power Ratio in Carnatic Classical Singers.  
    Krishna Yeshoda, PhD, SLP, Revathi Raveendran, SLP

P29 How Do Dysphonic and Non-Dysphonic Women Perceive Deviated Voices?  
    Leonardo Lopes, PhD, SLP, Fernanda Pereira, PhD, SLP

P31 Hips Functionality in Voice Treatment and Training of Treatment/Training Refractory Voices: Three Cases Study.  
    Lucia Cossu, MM

P33 Acoustic Profiles of Speech Amplification Devices on Hypophonic Speech in Parkinson’s Disease  
    Thea Knowles, PhD, CCC-SLP, Sara Cook, Aishwarya Ramani, SLP, MS, Adrián Castillo-Allendes, SLP, MS, Maura Philippone, CCC-SLP, BA, Eric Hunter, PhD
Application of Simulation in Laryngoscopy Training
Maria Claudia Franca, PhD, CCC-SLP, SLP, Valerie Boyer, PhD, CCC-SLP, Juhi Kidwai, PhD, SLP, Selina Najim, BS, Megan Dale, BS

The Relationship Between Cepstral Peak Prominence and Pitch Strength in Complex Dysphonia
Shaheen Awan, PhD, MS, Yeonggyu Park, PhD, Supraja Anand, PhD, Rahul Shrivastav, PhD, Eddins David, PhD

Perception of Voice Gender of The Korean-Pop Singers By Speech-Language Pathologists, Cisgender, and Transgender People
Rodrigo Dornelas, PhD, Vanessa Veis Ribeiro, PhD, Isabella Martins Cassiano Nascimento, BS, Tiago Santos Rodrigues, BS, Isabela dos Santos, MS, Mara Behlau, PhD

Vocal Quality of Individuals Undergoing Esophagectomy
Thiago Henrique de Pontes Ferreira, SLP, Maria Paula Almeida Gobbo Riacho, SLP, Michelle Ferreira Guimarães, PhD, SLP, Luciana Dall’Agnol Siqueira Slobodticov, PhD, SLP, Felipe Coimbra, SLP, Elisabete Carrara de Angelis, PhD, SLP

Vocal Fold Paralysis in Individuals Undergoing Esophagectomy for Cancer: Integrative Review
Thiago Henrique de Pontes Ferreira, SLP, Michelle Ferreira Guimarães, PhD, SLP, Felipe Coimbra, SLP, Elisabete Carrara de Angelis, PhD, SLP

Synthesis of Subharmonic Voice with Kinematic Vocal Fold Model
Takeshi Ikuma, PhD, Melda Kunduk, PhD, CCC-SLP, Andrew McWhorter, MD, Brad Story, PhD

Laryngeal and Vocal Instability During Phonation and Breathing in Elderly Individuals with and Without Parkinson’s Disease
Marília Andrezzo Beck, SLP, Marina Fiuza, SLP, Leticia Bonini, SLP, Kelly Cristina Alves Silverio, PhD, SLP, Alcione Ghedini Brasolotto, PhD, SLP

Quality of Life in Essential Vocal Tremor
Nayanika Ghosh, MS, Dr. Rosemary A. Lester-Smith, PhD, CCC-SLP

Primary Muscle Tension Dysphonia in a Clarinetist: A Cross-Discipline Application of Resonant Voice Therapy.
Evan Kennedy, CCC-SLP

Connection Between Fear of Speaking, Feeling “Lump” in The Throat During Speaking Process and Emotional Trauma/ Memory (Associated with Dominant Figure from The Past Such as Parent/Teacher/Partner)
Veronika Znamenskaya, BA

Single-Cell RNA Sequencing Reveals Fibroblasts in Vocal Fold Leukoplakia Stimulate The Progression of Precancerous Lesions
Yujie Feng, MD, Yunyi Liu, MS, Peiyun Zhuang, MD

Improved Voluntary Cough Strength and Swallowing Safety Following Office-Based Injection Laryngoplasty
Hsiang-Ling Chiu, SLP, Wen-Hsuan Tseng, MD, Tsung-Lin Yang, MD, Tzu-Yu Hsiao, PhD

Lamperti’s Idea of Pelvic Control of The Breath as it Relates to Classical and Contemporary Musical Styles
Neil Semer, BM

Demystifying Brazilian Portuguese Lyric Diction: The Sounds of The Language and The Main Pitfalls for Non-Native Singers
Julianna Franco, DMA

Collaboration & Implementation of Comprehensive Voice Screenings and Specialist Team Teaching for Singing Students Between A University & A Clinic: An Educational Case Study
Theodora Nestorova, MM, BM, John Mac Master, BA, Françoise Chagnet, MD, MS, BS

Are Stressed Professors At Higher Risk of Voice Disorders?
Jenny Cardenas, SLP, Maryluz Camargo, PhD, SLP, MS, Lady Cantor-Cutiva, PhD, SLP, MS
Poster Presentations Session II 4:45PM -5PM

P2 Quantitative Voice Outcomes From Vocal Feminization Surgery: A Single Case Study with High-Speed Videendoscopy and Patient Perspective
Mary Wilkens, Renee Gustin, CCC-SLP, MS, Gregory Dion, MD, Rita Putel, PhD, CCC-SLP, Shanna Stryker, MD, MPH, Sarah Pickle, MD, Victoria Mckenna, PhD, CCC-SLP

P4 Academic Degrees Achieved by Collegiate Singing Voice Faculty in US Higher Education
Paul Patinka, MM

P6 Voice and Non-Voice Related Quality of Life Outcomes From Gender-Affirming Voice Therapy
Victoria McKenna, PhD, CCC-SLP, Mary Wilkens, Shanna Stryker, MD, MPH, Renee Gustin, CCC-SLP, MS, Sarah Pickle, MD, Jules Madzia, PhD

P8 A Comparison of The Immediate Cool-Down Effects of Semi Occluded Vocal Tract Exercise and Resonance Voice Therapy on Vocal Changes Secondary to Vocal Loading Tasks
Vishwadeep Singh, SLP, Wasim Ahmed, PhD, SLP

P10 Voice Nasality Degrees: Attitudinal Responses Among Lay Native Speakers of Chilean Spanish
Fernanda Figueroa-Martínez, SLP, MS, Camilo Quezada, PhD, MS, Pia Villanueva, PhD, SLP, MS, Eric J Hunter, PhD, MS, Adrian Castillo-Allendes, SLP, MS, Domingo Román, PhD, MS

P12 An Ethnographic Case Study of Music Theatre Recruitment
Megan Richards, MM, BM

P14 Reliability of Measuring Vocal Self-Assessment Protocols Through Digital Platform and In-Person
Vanessa Veis Ribeiro, PhD, Luise Marques da Rocha, PhD, Fabiana Zambon, PhD, Mara Behlau, PhD

P16 Development and Validation of A Self-Assessment Questionnaire for Gender-Affirming Voice Care
Audrey Bowlds, CCC-SLP, MS, Anand Balaji Rangarathnam, PhD, CCC-SLP

P18 Bone Conduction Feedback in Professors: Case Studies on Voice Production with Forbrain®
Charles Nudelman, CCC-SLP, MS, Mary Flaherty, PhD, Naser Salas, BS, Aseel Othman Alsauvaie, BS, Kate Harty, BS, Tess Giddens-White, BS, Pasquale Bottalico, PhD

P20 Differences in Cepstral Acoustic Measurements as A Function of Speech Task, Presence and Severity of Voice Disorder
Leonardo Lopes, PhD, SLP, Samyelle Leite do Ó, SLP, Marina Engler, PhD, SLP, Samuel Abreu, MD, Mara Behlau, PhD, SLP

P22 Comparing Intonation and Harmonic to Noise Ratio (HNR) Using Different Arm Movements with Adolescent Estrogen Producing Singers
Madeline Yankell, BS

P24 Voicevosi: A Rapid, Efficient, and Practical Approach to Unleash Full Vocal Potential in Singing, Speaking, and Ventriloquism
Thom Tuduc, MS, BS

P26 The Effects of Chemotherapy Treatment for Hodgkin Lymphoma Cancer on The Singing Voice
Shantelle Przybylo, DMA

P28 Acoustics Features of Cervical Auscultation in Dysphagic and Dysphonic Individuals: A Preliminary Investigation
Krishna Yeshoda, PhD, SLP, Syam Krishna Vijayan, SLP

P30 Dynamic Vocal Analysis of Vocally Healthy Young Adults: Exploratory Study
Maria Christina Bussamara Casmerides, SLP, MS, Rosiane Yamasaki, PhD, SLP, Glaucya Madazio, PhD, SLP, Mara Behlau, PhD, SLP

P32 Words Production and Tone Production in High Range Voices, A Separate Functions Training. How to Train Them Separately.
Lucia Cossu, MM

P34 Qualitative Analysis of The Effects of A Speech Therapy Intervention Protocol in Cases of Refractory Chronic Cough
Rodrigo Dornelas, PhD, Vanessa Veis Ribeiro, PhD, Mara Behlau, PhD
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<td>P36</td>
<td>Mental Effort Associated with Habitual, Breathy, Fry, and Twang Voice Quality Measured Via The Borg CR10 and The NASA TLX</td>
<td>Eva van Leer, PhD, MFA, Madison Won, BS</td>
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<td>P38</td>
<td>Relationship Between Electronic Sports-Game Live Commentators’ Professional Goals and Their Vocal and Speech Complaints</td>
<td>João Marcos Duarte, PhD, SLP, MS, Marcia Menezes, PhD, SLP, MS, Clíthia Quidim, SLP, Gabriela Damilano, SLP, Priscila Oliveira, PhD, SLP, MS</td>
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<td>P40</td>
<td>Ergonomy and Muscular Dissociation: Tools to Optimize Singing Performance</td>
<td>Fausto Caetano, BA, BM</td>
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<td>P42</td>
<td>Social Trauma and Vocal Trauma Among LGBTQIA+ Singers: Creating A Platform for Personal Narrative and Identity</td>
<td>Jennifer Fellman, SLP, MS, Sofia Vallila Rohrer, PhD, CCC-SLP, Charles Haynes, CCC-SLP, Ruth Palan Lopez, PhD</td>
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<td>P44</td>
<td>Automatic Detection of Subharmonics in Acoustic Voice Signal</td>
<td>Takeshi Ikuma, PhD, Andrew McWhorter, MD, Melda Kunduk, PhD, CCC-SLP</td>
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<td>P46</td>
<td>Voice Actors: A Study on Voice and Auditory Symptoms</td>
<td>Diego Martinho, SLP, Heloisa Soares Povreslo, SLP, MS, Ana Carolina Constantini, PhD, SLP</td>
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<td>P48</td>
<td>Water Resistance Therapy in Individuals with Parkinson’s Disease: Session-By-Session Spectrographic Analysis</td>
<td>Leticia Bonini, SLP, Angélica Antonetti-Carvalho, PhD, SLP, Ana Paula dos Santos, MD, SLP, Marília Beck, SLP, Alcione Brasolotto, PhD, SLP, Kelly Silverio, PhD, SLP</td>
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<td>P50</td>
<td>The Effects of Experienced Ease of a Singer from Pelvic Floor-Related Cues</td>
<td>Lyndsee Bell, BA, Josh Gilbert Gilbert, BM, Kayla Gautereaux, MM, BM, Megan Stahl, PhD</td>
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<td>P52</td>
<td>The 5 Steps to Create Your Own Scientific-Based and Efficient Voice and Speech Training/Therapy Program</td>
<td>João Marcos da Trindade Duarte, PhD, SLP, MS, Leonardo Wanderley Lopes, PhD, SLP, MS</td>
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<td>P54</td>
<td>Phonosurgical Paradigm to Manage Vocal Pathology is Shifting Toward Office From OR -Kyorin University Experience in TOKYO</td>
<td>Koichiro Saito, MD, PhD, Itaru Watanabe, MD, Makoto Miyamoto, MD, PhD, Shogo Mato, SLP, Tomoki Naoi, MD, Hideki Nakayama, MD, PhD</td>
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<td>P56</td>
<td>What Are Voice Intervention Strategies? A Theoretical Framework About The Delivery Methods Used in Voice Intervention.</td>
<td>Arturo Flores, CCC-SLP, MS, Jaime Crisosto, PhD, CCC-SLP, MS</td>
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<td>P58</td>
<td>Clinician-Driven Recommendations for Revising The CAPE-V</td>
<td>Kathleen Nagle, PhD, CCC-SLP, Gail Kempster, PhD, CCC-SLP, Nancy Solomon, PhD, CCC-SLP</td>
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<td>P60</td>
<td>Effects of Water Resistance Therapy on Vocal Economy in Individuals with Parkinson’s Disease – Preliminary Results</td>
<td>Marília Andrezzo Beck, SLP, Daniela Hencke, SLP, Ana Paula dos Santos, MD, SLP, Jhonatan da Silva Vitor, SLP, Alcione Ghedini Brasolotto, PhD, SLP, Angélica Emygdio Antonetti-Carvalho, SLP, Kelly Cristina Alves Silverio, PhD, SLP</td>
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<td>P62</td>
<td>Delivery of Group Voice Therapy Via Telepractice: A Treatment Protocol</td>
<td>Yifeng Wei, SLP, MS, Edie Hapner, PhD, CCC-SLP, Sherry Fu, PhD, SLP, Thomas Law, PhD, SLP</td>
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<td>P64</td>
<td>Clinical Implications of Vocal Fold Biomechanics. A Systematic Review.</td>
<td>Mauricio Alfaro, SLP, MS</td>
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Dinner 5:30PM
Thursday May 30th, cont.

Special Session: Speech Language Pathology I-A (6:00pm – 6:49pm)
Concurrent Session

Chair: Soren Y. Lowell, PhD
The Westin Philadelphia Hotel, Grand Ballroom, Salon I

6:00pm  Voice Perception and Self-Awareness in Children With and Without Voice Disorders
Hagar Feinstein, PhD, SLP, Giovanna Morini, PhD, Amber D. Shaffer, PhD, Joseph E. Dohar, MD, Katherine Verdolini Abbott, PhD, CCC-SLP

Sarah Kervin, CCC-SLP, MM, MS, BM, Kaila Harris, CCC-SLP, MS, Megan Urbano, CCC-SLP, MS, James Curtis, PhD, CCC-SLP, MS

Maria Francisca de Paula Soares, PhD, SLP, Marilia Carvalho Sampaio, PhD, SLP, Meike Brockmann-Bauer, PhD, SLP

6:21pm  The Effects of Respiratory Lung Volume Training on Primary Muscular Tension Dysphonia
Soren Lowell, PhD, CCC-SLP, Richard Kelley, MD, Hannah Edwards, SLP, MS, Raymond Colton, PhD, Anya Freedman-Doan, MM, BA, Mariela Mercado, BA, Lisandra Pereyra, BA, Joanne Thai, BA

6:28pm  The Effect of Medialization Procedures and Voice Therapy on Laryngopharyngeal Reflux in Patients With Glottic Insufficiency
Sripuchodaya Gaddam, BS, Adam Gardi, BS, Katherine Mullen, BS, Omar Ramadan, MD, Robert Sataloff, MD, FACS

6:35pm  Service Delivery Models in Voice Therapy: A Scoping Review
Yifeng Wei, SLP, MS, Wilson Shing YU, Thomas LAW, PhD, SLP

6:42pm  Discussion

Special Session: Speech Language Pathology I-B (6:00pm – 6:49pm)
Concurrent Session

Chair: Shaheen Awan, MD
The Westin Philadelphia Hotel, Grand Ballroom, Salon II

6:00pm  Subharmonics in Normal Voice: An Acoustic Database Study
Takeshi Ikuma, PhD, Andrew McWhorter, MD, Melda Kunduk, PhD, CCC-SLP

6:07pm  Concurrent Validity of A Three-Dimensional Matching Task for Breathy, Rough, and Strain Voice Quality
Yeonyoung Park, PhD, Supraja Awad, PhD, Shaheen Awan, PhD, CCC-SLP, Rahul Shrivastas, PhD, CCC-SLP, David Eddins, PhD

6:14pm  Acoustic Differences Between Gay and Straight Male Speakers of Australian English
Catherine J. Madill, PhD, Tuende Szalay, PhD, Duy Duong Nguyen, MD, PhD, John Holik, Antonia Chacon, BA, James Morandini, PhD

6:21pm  Perception of Voice Gender of The Korean-Pop Singers By Speech-Language Pathologists, Cisgender, and Transgender People
Rodrigo Dormelas, PhD, Vanessa Vieis Ribeiro, PhD, Isabella Marins Cassiano Nascimento, BS, Tiago Santos Rodrigues, BS, Isabela Santos, MS, Mara Behlau, PhD

6:28pm  Sob Voice Therapy for Male-To-Female Transgender Speakers
Catherine Madill, PhD, SLP, Antonia Chacon, SLP, Tuende Szalay, PhD, Dhanshree Gunjawate, PhD, SLP, Duy Duong Nguyen, MD, PhD

6:35pm  Patient-Perceived Vocal Effort in Adductor Laryngeal Dystonia (ADLD): Order of Evaluation Tasks Matter
Tanya Eadie, PhD, CCC-SLP, Cara Sauder, PhD, CCC-SLP, Mara Kapsner-Smith, CCC-SLP, MS, Katherine Marks, PhD, CCC-SLP, Tanya Meyer, MD, Emily Wilson, CCC-SLP, MS, Cara Stepp, PhD

6:42pm  Discussion
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<tr>
<td>6:49pm</td>
<td>Measuring the Differences Between Opera and Musical Theatre Styles Through Spectral Moment Analysis</td>
<td>Violet Joy Hansen, MFA, BA, Kayla Gautereaux, MM, BM, Joshua Glasner, PhD, MM, Josh Gilbert, BM, Megan Stahl, PhD</td>
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<td>6:56pm</td>
<td>Individual Differences in Brain Activity of Naïve Singers Following One Month of Singing Practice</td>
<td>Martin Vivero, SLP, Ho Ming Chow, PhD, BS, Christopher Apfelbach, PhD, CCC-SLP, MS, BA, Katherine Verdolini-Abbott, PhD, CCC-SLP, MS, BS</td>
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<td>7:03pm</td>
<td>Evaluating the Performance of Voice Extraction and Fundamental Frequency Detection in Baroque Music</td>
<td>Tiago Cruz, SLP, MM, Pedro Andrade, PhD, SLP, Manuel Brandner, PhD, Christian Herbst, PhD, MM, Mauricio Loureiro, PhD</td>
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<td>7:10pm</td>
<td>Towards Automated Vocal Mode Classification in Healthy Singing Voice – An Xgboost Decision Tree-Based Machine Learning Classifier</td>
<td>Mathias Aaen, PhD, Jeroen Sol, Cathrine Sadolin, Louis ten Bosch, PhD</td>
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<td>7:17pm</td>
<td>Examining the Effects of Virtual Reality Room Size on Singers' Vocal Behavior</td>
<td>Ruth Suarez, David Meyer, DM, Irene Mezzacapo, Dario Strangis, SLP, BS, María Borragán, PhD, SLP, Mohammad F. Obeid, PhD, Alfonso Borragán, MD, PhD</td>
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<td>7:24pm</td>
<td>Analysis of Vocal Methods Course Content in Undergraduate Music Education Degree Curricula</td>
<td>Paul Patinka, MM, Lisabeth Miller, DMA</td>
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<td>7:31pm</td>
<td>Discussion</td>
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**Thursday May 30th, cont.**

**Special Session: Voice Pedagogy I-A (6:49pm – 7:38pm)**

*Concurrent Session*

**Chair: David Meyer, DM**

The Westin Philadelphia Hotel, Grand Ballroom, Salon I

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<th>Time</th>
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<td>6:49pm</td>
<td>Understanding the Vocal Health Awareness and the Role of Speech-Language Pathologists in Undergraduate Vocal Performers: A Pilot Survey</td>
<td>Nizar Tejani, MD, Sarah Quintana, CCC-SLP, MS, Noah Spillers, BS, Karuna Dewan, MD, FACS</td>
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<td>6:56pm</td>
<td>Increased Respiratory Drive in Sustained Ventricular Vocal Fold Phonation</td>
<td>Geddy Warner, MM, BM, Aaron Johnson, PhD, CCC-SLP, MM</td>
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<td>7:03pm</td>
<td>The Effects of a Breath Exhalation Regulation Routine in Collegiate Singers</td>
<td>Zachary Devin, PhD, MM, BM</td>
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<td>7:10pm</td>
<td>Prevalence of Hypermobility Among Singers: A Pilot Study</td>
<td>Mairin Srygley, CCC-SLP, MM, MS, BA</td>
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<td>7:24pm</td>
<td>Vocal Dose of Singers in the Musical Dear Evan Hansen: A Dosimetry Study</td>
<td>Ana Flavia Zuim, PhD, BM, Celia Stewart, PhD, CCC-SLP, Ingo Titze, PhD</td>
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<td>7:31pm</td>
<td>Discussion</td>
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Friday, May 31st

Special Session (8:00-11:50am)

Describing Voices
Moderator: Nancy Pearl Solomon, PhD

8:00am  Introduction
  Nancy Pearl Solomon, PhD

8:10am  The Map Undeniably Shows, Voices are ... Different!
  Peter Pabon, PhD

8:50am  Vive la Différence: Mapping Changes in the Voice
  Sten Ternström, PhD

9:15am  Singers and Scientists Unite – Speaking a Common Language
  Christian Herbst, PhD

9:40am  Coffee Break – Exhibit Hall

10:10am Describing Voice Quality in 5 Minutes: Balancing Feasibility and Psychometric Validity
  Kathy Nagle, PhD

10:35am Meaningful Objective Voice Assessments: A Clinical Analysis

11:00am Panel Discussion
  Moderator: Nancy Pearl Solomon, PhD
  Panel: Pabon, Ternström, Herbst, Nagle, Brockmann-Bauser

11:50am End of session

Workshops (1PM – 5:30 PM)

Session I (1:00pm-1:50pm)
Twenty-First Century Teaching – Moving Away from “Classical” Foundations
Jeanie LoVetri

Implementing Mindfulness Practice in the Rehabilitation of the Professional Voice User
Sarah McDowell, SLP, MS, Maurice Goodwin, CCC-SLP, MS

Goal Setting for the Singing Voice Specialist: A Practical Framework for Working with Singers
Rachel Goldenberg, SLP, DMA, MM, BM, Brittani Farrell, CCC-SLP, MM, MS

What Do My Feet Have to Do With My Jaw? Improving Habits of Stance and Alignment to Facilitate Jaw Release
Ruth Williams Hennessy, MM

Integrative Training and the Essential Role of Cross-Disciplinary Discussion
Joan Melton, PhD, MM, BM

How to Deliver Conversation Training Therapy using Standard Terminology from the Rehabilitation Treatment Specification System
Jeremy Wolfberg, CCC-SLP, SLP, MS, Amanda Gillespie, PhD, CCC-SLP, Jacqueline Gartner-Schmidt, PhD, CCC-SLP, Jarrad Van Stan, PhD, CCC-SLP

How to Teach the Black American Vocal Music Aesthetic to Create Culturally Authentic Singers
Alison Crockett, MM, BM
Session II (1:55pm-2:45pm)
An Exploration of Marking in the Studio and in the Clinic: A Workshop for Singers, Voice Teachers, and Speech Language Pathologists
Jacob Wright, SLP, MM, MS, Sarah Hoch, CCC-SLP, SLP, MS, BA, Edie Hapner, PhD, CCC-SLP

The Benefits of Multigenre Teaching to Adolescent Singers
Lisa Willson DeNolfo, DMA, MM

Getting Useful Feedback from a Machine; Mapping Register Limits, Overlap, Characteristic Qualities and Transitions.
Peter Pabon, PhD

Laryngeal Awareness Through Manual Therapy
Walt Fritz

Body Awareness and Neurodivergent Singers
Thaddaeus Bourne, DMA

Troubleshooting Perioperative Care for the Professional Voice User
Austin Collum, CCC-SLP, Juliana Codino, PhD, CCC-SLP, Sarah McDowell, SLP, MS, Paige Valente, SLP, Liz Erardi, SLP

Let’s Yodel: Using Register Switching to Facilitate Registration Outcomes with CCM and Classical Singers
Amelia A. Rollings Bigler, PhD, MM, BM

Session III (2:50pm-3:40pm)
Re-Imagining the Vocal Ensemble: Differentiated Strategies in a “Triple Treat” Approach to Learning: Promoting Student Agency via Vocal Development and Musical Exploration
Jeanne Goffi-Fynn, DM, MM, Chris Citera, MM, BM, Emily Hudson, MM, BM

Breaking Down Barriers to Consistent Practice using Motivational Interviewing
Lauren Timmons Sund, CCC-SLP, MS, BM, M. Eugenia Castro, CCC-SLP, MS

Pure Sound vs. Rough Sensation: Sorting the sensations of the sung tone
Chadley Ballantyne, DMA, MM

Yoga and Voice: A Somatic-Cognitive Learning Approach
Kenneth Tom, PhD, CCC-SLP, SLP

Closing the Gap: Creaky Voice Exercises to Improve Adduction
Lori Sonnenberg, CCC-SLP, MM, BM

Exercise Physiology for Voice & Swallowing: Modifying Our Exercises With Physiology Principles
Claire Ligon, CCC-SLP

Practical Studio Pedagogy Incorporating Recent Onset Research
Kourtney Austin, PhD, BS
Session IV (3:45pm-4:35pm)

Legato Then and Now, Vibrato Edition: A close-up of what happens between the pitches in the classical bel canto tradition
Rachelle Jonck, BM, Theodora Nestorova, MM, BM, Alice Del Simone, MM, BS, BA

Giving Voice to Young Children – A Cognitive Approach to Pediatric Voice Therapy – How Is It Done?
Hagar Feinstein, PhD, SLP

Vocal Reconditioning Programs for Professional Performers
Evan Kennedy, CCC-SLP, BS, Holly Reckers, CCC-SLP, BM

Applications of Meditation and Clinical Hypnosis in Voice Care
Carissa Maira, CCC-SLP, Christie Block, CCC-SLP

How Your Voice Can Help You Develop Effective Communication
Deborah Feijó, SLP, MS

Empowering Voices: Creating Safe and Joyful Spaces for Gender-Expansive Clients and Patients
Felicia François, CCC-SLP, MS, BM, Kacie La Forest, CCC-SLP, Nicolas Valdez, MS, BM

How to Use Coaching Strategies for Voice Therapy and Training.
Mara Behlau, PhD

Session V (4:40pm-5:30pm)

Embodying The Core Voice Connection
Sarah Whitten, MM, MA

Technical and Artistic Adjustments: A Double-Swinging Doorway
David Sisco, MM

Enhancing the Phonatory System through “Sensory Bombardment” of Receptors.
Ruth Suarez, Carmen Paula Romero, BM

Demystifying Mindfulness
Kiley Hazelton Herr, SLP, MM, BM, Miriam van Mersbergen, PhD, CCC-SLP

Effective Tools and Strategies for Musical Theater Registration Cultivation in Cis-Female Voices through Neutral, Binary, and Flexible Voice Models
Kevin Wilson, MM, BM

High-Speed Videoendoscopy: Quantitative and Qualitative Analysis Workshop
Rita Patel, PhD, Michael Döllinger, PhD

Working with Ogres, Trolls, Orcs and Other Related Monsters
M. Eugenia Castro, CCC-SLP, MS, Megan Urbano, CCC-SLP, MS

Voices of Summer Gala

6:00pm Cocktails
7:00pm Dinner
**Saturday, June 1**

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

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

8:00am  **Chronic Refractory Cough: Long-Term Outcomes Following Cough Suppression Therapy**  
Ethan Simmons, BA, Jessica Kim, BS, Daniel DeChance, BS, Benjamin Becerra, PhD, Brianna Crawley, MD, Priya Krishna, MD, Thomas Murry, PhD

8:07am  **Vocal Fold Augmentation for Refractory Chronic Cough When Phonation is a Trigger**  
Thomas Carroll, MD, Lillian Duttilo, MD, Samantha Krtdgen, CCC-SLP, MS, Christopher Dyser, MD

8:14am  **Arytenoid Cartilage Collapse During Inhalation in Patients With Intermediate/High Risk of Obstructive Sleep Apnea: A Retrospective Analysis of Sixty-Four Patients.**  
Jonathan Abou Chaur, MD

8:21am  **Botox Injection Combined With Partial Arytenoidectomy; A Novel Approach for Treatment of Episodic Laryngeal Breathing Disorders**  
Pingjian Gao, MD, Zhou Zhou, MD, Peikai Yan, CCC-SLP, Jing Kang, MD

8:28am  **Prevalence of Objective Voice Measurement Use in Laryngology Practices in the United States**  
Joe Christianson, MS, Christopher Yam, MS, Robert T. Sataloff, MD, FACS, DMA

8:35am  **Supraglottic Vibration Phenotypes and Taxonomy in Pathological Speaking and Healthy Singing Voice – Towards A Unified Physiological, Acoustic, and Functional Terminology**  
Mathias Aaen, PhD, BA, Cathrine Sadolin, Julian McGlashan, MD

8:42am  **Discussion**

8:49am  **Voice Classification Using Vowel Acoustic Measures Representing Different Aspects of the Disordered Vocal Signals**  
Catherine Madill, PhD, SLP, Duy Duong Nguyen, MD, PhD, Antonia Chacon, SLP, Dhanshree Ganjawatue, PhD, SLP

8:56am  **A Study on Vocalis Muscle of Mandarin Vowels Based on Vocal fold Vibration Model**  
Boquan Liu, PhD

9:03am  **Survey of Referral Patterns in Southwestern Mainland China: How Do Pediatricians Manage Children With Dysphonia**  
Zhongjing Pan, MD, Dan Lu, MD, PhD, Estella Ma, PhD

9:10am  **Study of the Biphonic Mechanisms of Hoomei Singing**  
Chen Du, MD, Yan Yan, MD, Tao Li, MD, Dan Guo, Xiangqiu Wang, Pingyang Li

9:17am  **Voice Symptomssamong Mexican Prospective Teachers**  
Carlos Manzano, MD, MS, Lady Catherine Cantor-Cutica, PhD, SLP, Eric J. Hunter, PhD

9:24am  **Discussion**

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

8:00am  **Analysis of Laryngeal Function and Electromyographic Characteristics in Patients With Motor Neuron Disease Initially Diagnosed With Abnormal Voice**  
Xinlin Xu, MD, PhD, Peiyun Zhuang, MD

8:07am  **Central Pathology in Patients With Spasmodic Dysphonia**  
Kristen Prijs, BS, Caroline Quindlen, MS, Camryn Marshall, BS, Philip Maxwell, MS, Robert Sataloff, MD, FACS, DMA

8:14am  **Incidence of Abnormal Acetylcholine Receptor, Striatal Muscle, and MUSK Antibodies in Voice Patients With Myasthenia Gravis of the Larynx**  
Katherine Mullen, BS MS, Robert Sataloff, MD, FACS, DMA, Mary Hawkshaw, RN

8:21am  **Laryngopharyngeal Reflux in Patients Who Declined Robotic Or Laparoscopic Nissen Fundoplication: Voice Outcomes**  
Adam Gardi, BS, Sriprazheoda Gaddam, BS, Philip Maxwell, BS, Parastou Ranjbar, MD, Omar Ramadan, MD, Robert Sataloff, MD, FACS, DMA

8:28am  **EMG As A Method to Predict 5-FU Injection Efficacy**  
Trevor DeSilva, BS, Katherine Mullen, BS, Omar Ramadan, MD, MS, Robert Sataloff, MD, FACS, DMA

8:35am  **Value and Strategy Study on the Surgical Treatment of Vocal Fold Polyps in Children**  
Hui yang, MD

8:42am  **Discussion**
Saturday, June 1, cont.

8:49am Long-Term Changes in Botulinum Toxin Injection Dosage for Spasmodic Dysphonia and Associated Factors
Pelin Yuksel, Katherine Mullen, BS, Kathryn Mozzochi, BS, Omar Ramadan, MD, Robert T. Sataloff, MD, FACS, DMA

8:56am Office Based Trans-Nasal Fiber Laser Thyroarytenoid Myectomy Under Local Anaesthesia for Treating Patients of Adductor Spasmodic Dysphonia —Our Initial Experience
Phaniendrakumar Valluri, MS

9:03am The Factors Contributing to Voice Disorders (FCVD) Questionnaire among Chinese Choristers: Reliability and Validity Assessment
Lingrui Zhang, PhD

9:10am Comparison of Chicago Classification Version 3.0 and 4.0 in Differentiating Laryngopharyngeal Reflux Profiles in Patients with Ineffective Esophageal Motility
Kathryn Mozzochi, BS, So Hao Tang, BA, Parastou Ranjbar MD, MS, Robert Sataloff, MD, FACS, DMA

9:17am Radiographic Appearance of Silk-Hyaluronic Acid for Injection Augmentation Supports Clinical Observations of Durable Effect
Thomas Carroll, M

9:24am Discussion

10:10am Panel: Voice and Artificial Intelligence
Moderator: Carlos Manzano, MD, MS
Hamzeh Ghasemzadeh, PhD, Leonardo Wanderley Lopes PhD, Lady Catherine Cantor Cutiva, PhD, David Meyer DM

10:50am Awards

11:10am G. Paul Moore Lecture: Jack Jiang, MD
From Voice Mechanisms to Assessment and Therapy: What I Have Tried

Voice Pedagogy II-A (1:00pm-2:31pm) Concurrent
Chair: Martha Randall, MM, BM
The Westin Philadelphia Hotel Grand Ballroom, Salon I

11:00pm What is Your Position? Identifying Systemic Structural Forces in the Playing Field of Voice Pedagogy
Dale Cox, PhD, MM, BA

11:07pm Interprofessional Voice Labs to Develop An Actor-Centered Voice Intervention Model: Comparing Two Student Cohorts of Speech-Language Pathology and Acting
Sri Nandamudi, PhD, CCC-SLP, Kathryn Cunningham, MFA, Hailey Deptula, BS, Ashley Platek, BS

11:14pm Voice Therapy Pedagogy: Harnessing the Power of Simulation and Standardized Patients
Mahdi Tahamtan, PhD, Susana Keller, CCC-SLP, Jason Konzelmann, BS

11:21pm The Effect of A Singing-Based Voice Therapy Program for Older Adults With Aging Voice Problems
Crystal Wing Nam Yuen, Estella Pui-man Ma, PhD

11:28pm Demographic Content Analysis of Musical Theatre Anthologies
Paul Patinka, MM, Zipporah Peddle, MM, Lauren Weber, MM

11:35pm Improving Auditory-Perceptual Assessment of Timbres: Testing Four Deconstructed Timbre Assessment Models
Mathias Aaen, PhD, Cathrine Sadolin

11:42pm Discussion

11:49pm Impact of Cell Phone Pick-Ups on Memorization in Singing
Merced Stratton, MM, Jennifer Burks, MM, BM, Kayla Gautereaux, MM, BM, Joshua Gilbert, MM, BM, Megan Stahl, PhD

11:56pm Laryngeal Response to “Support” Instruction
Martha Randall, MM, BM, Lori Sen, DMA

2:03pm Cultural Responsivity in the Vocal Studio
Mariana Eloísa Serna, BA, Megan Stahl, PhD, Kayla Gautereaux, MM, BM, Josh Gilbert, BM

2:10pm Comparing Pitch-Matched Classical and CCM Tenor Strategies Across Their Range Using Laryngostroboscopic Imaging, Acoustics, and Egg
Mark Tempesta, MM, BA, Julian McGlashan, MD, Cathrine Sadolin, Mathias Aaen, PhD, BA

2:17pm Persuasion Through Focus Groups: Helping Teachers Maintain Healthy Voices
Kenneth J. Levine, PhD, Adrián Castillo-Allendes, SLP, MS, Lady Catherine Cantor-Cutiva, PhD, SLP, MS, BS, Eric J Hunter, PhD, MS

2:24pm Discussion
Saturday, June 1, cont.

Voice Pedagogy II-B (1:00pm-2:31pm) Concurrent
Chair: Brittany Perrine, PhD
The Westin Philadelphia Hotel Grand Ballroom, Salon I

1:00pm  A Comparison of Vocal Hygiene Habits in Vocal Performance and Theatre Arts College Students in the First Five Semesters of Their Program
Brittany Perrine, PhD, Kimberly Monzón, DMA, Lauren Weber, MFA

1:07pm  The Unilateral Training in the Voice Studio.
Lucia Cosso, MM

1:14pm  A Study of Ear Dominance and Its Effects on Vocal Intonation, Amplitude, and Tone
Lynne Cuno, MM

1:21pm  Pre-Performance Musical Improvisation Reduces Performance-Related Anxiety and Stress in Classically Trained Vocalists
Karen Leigh-Post, DMA, MM, BM, Ryan Saladin, Elizabeth A. Becker, PhD, BA, BM

1:28pm  Talking About Tension: Distinguishing Primary Muscle Tension Dysphonia (Mtd-1) From Compensatory Hyperfunction in Singing Training Vs. Clinical Settings
Theodora Nestorova, PhD, MM, BM, Françoise Chagnon, MD, Maude Desjardins, PhD, CCC-SLP, MS

1:35pm  Recognizing the Invisible: Singing With Postural Orthostatic Tachycardia Syndrome
Marita Stryker, MM, BM, David Meyer, DM

1:42pm  Discussion

1:49pm  Quantifying Talk-Time in Singing Instruction: Evaluation of An Automated Method
Shanshan Zhang, MM, MM, Samantha Isely, Katrina Miller, CCC-SLP, Christian T. Herbst, PhD, David Meyer, DM

1:56pm  Air Pressure, Airflow, and Glottographic Measures During A Raspberry SOVT Exercise.
Sophia Dove, MM, Ronald Scherer, PhD, Edrie Means Weekly, MM

2:03pm  The Effect of Adduction, Pitch, Loudness, and Straight Tone on Fundamental Frequency and Airflow Vibrato
Brooke Howell, BS, Ronald Scherer, PhD, Katherine Procht Phares, MM

2:10pm  Examining the Effects of Mentorship in the Applied Voice Studio From the Intersectionality of Mentor, Mentee, and Singing Student Participants
Jeanne Goffi-Fynn, DM, MM, BM, Chris Citera, MM, BM

2:17pm  Conceptual Metaphors About the Voice in Teacher-Student Interaction During Lyrical Singing Class
Jaime Crisosto-Alarcón, PhD, SLP, MS, Paulina Maldonado-Delgado, MS, Maximiliano Rivas-Campos, MS

2:24pm  Discussion

SLP II-A (3:30pm-6:04pm) Concurrent
Chair: Lady Catherine Cantor Cutiva, SLP, MSc, Ph.D.
The Westin Philadelphia Hotel Grand Ballroom, Salon I

3:30pm  The Impact of Mindfulness Meditation on Voice Production
Aude Cardona, BM, Katherine Verdolini Abbott, PhD, CCC-SLP, Giuseppe Pagnoni, PhD, Shaheen Awan, PhD, CCC-SLP

3:37pm  Do I Feel What I Express? Relationships Between Objective and Subjective Measurements of the Emotional Experience
Gláucia Lais Salomão, PhD, Christoffer Forbes Schieche

3:44pm  Relationshipsamong Stimulability Testing, Patient Factors, and Voice Therapy Compliance
Sarah McDowell, SLP, MS, BS, BM, Laura Toles, PhD, CCC-SLP, Adrianna Shembel, PhD, CCC-SLP

3:51pm  Mental Effort Associated With Habitual, Breathy, Fry, And Twang Voice Quality Measured Via The Borg CR10 And The NASA TLX
Madison Won, BS, Eva van Leer, PhD, MFA

3:58pm  Role of Pupillometry in Measurement of Mental Effort Associated With Intentional Voice Quality Change
Eva van Leer, PhD, MFA, Madison Won, BS

4:05pm  Social Capital Motives of Voice Disordersamong Teachers
Lady Catherine Cantor-Cutiva, PhD, SLP, MS, BS, Lindon J. Robison, PhD, Eric J. Hunter, PhD

4:12pm  SOVT in Healthy Subjects Aged 65+’ers
Kristiane van fierde, PhD, Casey Dewancke, Iris Meerschman, PhD, Ewelien d’Haeseleer, PhD

4:19pm  Discussion

4:26pm  Altered Auditory Feedback via Bone Conduction Reduces Vocal Fatigue
Charles Nudelman, CCC-SLP, MS, Daniela Udd, SLP, Viveka Lygeråhlander, PhD, Pasquale Bottalico, PhD

4:33pm  Perceived Exertion and Vocal Fold Vibratory Dose Responses to the Fluid Interval Test for Voice (FTT-V)
Christopher Apfelbach, PhD, CCC-SLP, Mary Sandage, PhD, CCC-SLP, Katherine Verdolini Abbott, PhD, CCC-SLP
Saturday, June 1, cont.

4:40pm Self-Perception of Voice and Knowledge of Vocal Health and Hygiene in Candomblé Religious Leaders in Brazil
Mara Behlau, PhD, Kenya Ayo-Kianga da Silva Faustino, SLP, Felipe Moreti, PhD

4:47pm Knowledge of the Voice in the Teacher's Population and Their Ability to Refer Children With Voice Disorders to A Speech Language Pathologist.
Kristiane Van Lierde, PhD, Anke Adriaansen, SLP, Bram Van Oudenhove, SLP, Evelien d'Haeseleeer, PhD, Iris Meersman, PhD

4:54pm Education and Training on Safe Occupational Voice Use for Colombian Prospective Teachers
Lady Catherine Cantor-Cutiva, PhD, SLP, MS, BS, Alejandro Morales, SLP, MS

5:01pm Relationship Between the Year of Training and Current Practical Activities With Voice Symptoms Among Uruguayan Prospective Teachers
Lady Catherine Cantor-Cutiva, PhD, SLP, MS, Adriana Díaz Gutiérrez, SLP, Eric J Hunter, PhD

5:08pm Discussion

5:15pm Personality Traits and Perception of Vocal Fatigue Among Teachers
Lynn Maxfield, PhD, Eric Hunter, PhD, Lady Catherine Cantor Cutiva, PhD

5:22pm Perception of Gender and Personal Attributes After Gender-Affirming Voice and Communication Therapy in A Military Population
Nancy Solomon, PhD, CCC-SLP, Kelly Marshall, CCC-SLP, Laura Cord, CCC-SLP, MS, Anthony Zogalb, BA, Natalie Schneiderman, CCC-SLP, MS

5:29pm Mechanism of Whole-Body Vibration in Improving Voice Production: A Concluding Remark
Feifan Wang, PhD, Edwin Yiu, PhD

5:36pm Parents' Perceptions of and Attitudes Toward Voice Therapy
Zongji Pan, Dan Lu, MD, PhD

5:43pm Test-Retest Reliability of the Daily Phonotrauma Index in Vocally Healthy Females
Jameson Cooper, MS, Benjamin Kewelson, MS, Daryush Mehta, PhD, Robert Hillman, PhD, Jarrad Van Stan, PhD

5:50pm Delivery of Conversation Training Therapy (CTT) in the Group Therapy Environment
Raquel Tripp, CCC-SLP, MS, Sandeep Shetty, MPH, Amanda Gillespie, PhD, CCC-SLP

5:57pm Discussion

SLP II-B (3:30pm-6:04pm) Concurrent
Chair: Thomas Law, PhD, MS, BS
The Westin Philadelphia Hotel Grand Ballroom, Salon I

3:30pm Vocal Tasks for Acoustic and Auditory Perceptual Evaluation of Voice for Discriminating Between Individuals With and Without Voice Problems – A Systematic Review
Dhanshree R Gunjawate, PhD, SLP, Antonia Chacon, SLP, Duy Duong Nguyen, MD, Catherine Madill, PhD, SLP

3:37pm Factors Affecting the Reliability and Agreement of Auditory-Perceptual Evaluation of Voice: A Scoping Review
Stephen Zi Kai Wang, MS, Yifeng Wei, MS, BS, Wilson Shing Yu, MS, BS, Thomas Law, PhD, MS, BS

3:44pm Identification and Classification of Volitional and Non-Volitional Devices Used in Vocal Therapy and Training
João Marcos da Trindade Duarte, SLP, Denis de Jesus Batista, SLP, Leonardo Wanderley Lopes, PhD, SLP, Anna Alice Almeida, PhD, SLP, Larissa Thais Donalonso Siqueira, PhD, SLP, Vanessa Veis Ribeiro, PhD, SLP

3:51pm Exploring Early Assessment of Voice Disorders in ICU: Insights From Speech-Language Pathologists
Adrián Castillo-Allendes, SLP, MS, BS, Jeff Searl, PhD, CCC-SLP, Thea Knowles, PhD, CCC-SLP, BA, Eric J Hunter, PhD

3:58pm A Systematic Review of Speech and Language Therapy Interventions for Presbyphonia Using the Rehabilitation Treatment Specification System
Brian Saccante-Kennedy, SLP, MS, BA, Fiona Gillies, SLP, MS, BA, Maude Desjardins, PhD, MS, BA, Jarrad Van Stan, PhD, CCC-SLP, MS, BM, Roganie Govender, PhD, MS, BA

4:05pm Vocal Intensity and Pitch Effects on Cepstral Peak Prominence and Formant Frequencies in Sustained and Extracted Vowels From a Song of Trained Popular Singers and Non-Singers
Morgana Caires da Santana, SLP, Maria Lúcia Vaz Masson, PhD, SLP, MS, Maria Francisca de Paula Soares, PhD, SLP, MS, Meike Brockmann-Bauser, PhD, SLP, MS, Marília Carvalho Sampaio, PhD, SLP, MS

4:12pm Characterizing Vocal Hyperfunction using Ecological Momentary Assessment of Relative Fundamental Frequency
Daryush Mehta, PhD, Ahsan Cheema, MS, Katherine Marks, PhD, CCC-SLP, Hamzeh Ghasemzadeh, PhD, Jarrad Van Stan, PhD, CCC-SLP, Robert Hillman, PhD, CCC-SLP

4:19pm Discussion

4:26pm A Comprehensive Online Voice Screening Platform for Early Detection and Management of Dysphonia in Teachers
Wilson Shing Yu, Yifeng Wei, MS, Angela Fung Ying Siu, PhD, Thomas Law, PhD

4:33pm Relationship Between Self-Reported Vocal, Auditory and Extra-Auditory Symptoms and Complaints and Vocal Quality in Brazilian Teachers
João Marcos da Trindade Duarte, PhD, SLP, MS, Denise Gonzaga, SLP, Leonardo Wanderley Lopes, PhD, SLP
Saturday, June 1, cont.

4:40pm  Acoustic Measurement Behavior in Brazilian Individuals of Different Genders  
Diego Martinho, SLP, MS, Ana Carolina Constantini, PhD, SLP

4:47pm  Multidimensional Perceptual Spaces of Strain and Roughness in Synthetic Female Singing Voices  
Taylor Stone, BM, Mary (Molly) Erickson, PhD, CCC-SLP, MM

4:54pm  Vocal Warm-Up in Healthy People Over 65 Years Old  
Kristiane Van Lierde, PhD, Iris Meerschman, PhD, Evelien d’Haeseleer, PhD

5:01pm  Differences on Vocal and Communication Skills Before and After an Online Speech-Therapy Training  
João Marcos Da Trindade Duarte, PhD, SLP, MS, Denise Gonzaga, SLP, Mara Behlau, PhD, CCC-SLP, MS, Leonardo Wanderley Lopes, PhD, SLP

5:08pm  Discussion

5:15pm  Voxmore: Praat Plug-In to Assist Voice Acoustic Evaluation in the Teaching-Learning Process and Clinical Practice  
Leonardo Wanderley Lopes, PhD, SLP, Samuel Abreu, MS, Perla Martins, PhD, SLP, Ronei Moraes, PhD

5:22pm  Evidence of Longer-Term Voice Therapy Effectiveness in Presbylarynges Patients  
Sheila Stager, PhD, CCC-SLP, MS, BS, Steven Bielamowicz, MD

5:29pm  Vocal Distortions of Epic Proportions: A Case Study of Quantifying Ten Extreme Vocalizations Used in Deathcore Music  
Amanda Heller-Stark, PhD, SLP, Lynn Maxfield, PhD, Brian Manternach, DMA, Elizabeth Zharoff, MM, Kirk McCune, Brad Story, PhD, Ingo Titze, PhD

5:36pm  Exploring the Role of Opera Voice Quality Exercise in the Voice Therapy  
Zhen Jiang, MD, MFA, Meiyang Pan, BS, Peiyun Zhuang, MD, MS

5:43pm  Psychometric, Acoustic, and Neurocognitive Investigation of Identity and Phonotrauma  
Marianna Rubino, PhD, CCC-SLP, MFA, MS, BA, Maria Dietrich, PhD, CCC-SLP, Katherine Verdolini Abbott, PhD, CCC-SLP

5:50pm  Low-Level Light Therapy for Vocal Fatigue: A Phase 2 Trial  
Thomas Law, PhD, MS, BS, I Hang Zoe Chan, BA, Wilson Yu, BS

5:57pm  Discussion

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**Master Class:**

John Mac Master (7:00-8:15PM)

Reception and Sing Along (8:15PM)
Sunday, June 2

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

8:00am Automated Diagnosis of Voice Disorders Using Acoustic Voice Metrics: A Machine Learning Approach
Ahmed Yousef, PhD, MS, Adrián Castillo-Allendes, SLP, Eric Hunter, PhD

8:07am Machine Learning-Based Model for Automatic Prediction of Listeners' Attitudes Towards Dysphonic Voices
Leonardo Wanderley Lopes, PhD, SLP, Dévyerson Evangelista, SLP, MS, Samuel Abreu, MS, Marcelo Ferreira, PhD

8:14am Changes in Laryngeal Diadochokinetic Rate and Aerodynamic Variables During the Fluid Interval Test for Voice (FIT-V)
Christopher Apfelbach, PhD, CCC-SLP, Mary Sandage, PhD, CCC-SLP, Katherine Verdolini Abbott, PhD, CCC-SLP

8:21am Understanding Performers’ Perspectives on Access to Care and Support for Voice Injuries: A Survey Study
Christine Murphy Estes, Amanda Flynn, MFA, Lucian Silica, MD, Christine Clark, MD, Hayley Born, MD, MS

8:28am Prevalence and Associated Factors of Hoarseness Among Student Teachers
Lady Catherine Cantor-Cutiva, PhD, SLP, MS, Carlos Manzano, MD, MS, Adriana Díaz Gutiérrez, SLP, Alejandro Morales, SLP, MS, Iara Bittante de Oliveira, SLP, MS, Leslie Piccolotto Ferreira, PhD, SLP, Maria Lucía Vaz Masson, PhD, SLP, Eric J Hunter, PhD, MS

8:35am Discussion

8:42am Patient Completed Voice Case History Questionnaire – A Global Survey Among Otorhinolaryngologists and Speech-Language Pathologists
Dhanshree Gunjauwe, PhD, SLP, Antonia Chacon, SLP, Duy Duong Nguyen, MD, Daniel Novakovic, MS, Catherine Madill, PhD, SLP

8:49am Practice Patterns in Multidisciplinary Voice Assessment and Diagnosis: Results From A Global E-Survey.
Christopher Fuyten, SLP, Kelly Weir, PhD, Catherine Madill, PhD

8:56am Reliability, Measurement Error and Responsiveness of the Voice Handicap Index: A Systematic Review and Meta-Analysis
Denis de Jesus Batista, SLP, Vanessa Veis Ribeiro, PhD, SLP, Wallace Luz Silveira de Castilho, SLP, Maria Christina Bussamara Casmerides, SLP, Iandra Kaline Lima Barbosa da Silva, SLP, Rodrigo Dornelas do Carmo, PhD, SLP, Mara Behlau, PhD, SLP

9:03am Relationship of Cepstral Peak Prominence and Auditory-Perceptual Judgments of Severity in Varied Phonetic Contexts
Beau Braun, BA, Sarah Incorvaia, BA, Patrick R Walden, PhD

9:10am Adaptive Choir and Singing With Disability: the Effects of Assistive Technology and Inclusive Pedagogy on Radical Arts Access, Arts Curricula, and Medical Outcomes
Katherine Skovira, DMA, Robert Whalen, DMA, David Whalen, Jonas Braasch, PhD

9:17am An Overview of Different Normal Laryngeal Shaping in Singers Overlap With Muscle Tension Dysphonia (MTD) Laryngoscopic Findings
Razan Alosaimy, MD

9:24am Discussion

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

8:00am Heritable Aspects of Voice: A Pilot Study
Edrie Means Weekly, MM, BM, Brian Gill, DMA, MM, BA, Ingo Titze, PhD

8:07am Effects of Voice Related Gender Dysphoria on the Autonomic Nervous System in Trans Women
Liz Nevolo, BS, BA, Anusha Sundarrajan, PhD, CCC-SLP, Elisa Monti, PhD

8:14am Vocal Parameters As Gender Markers in Trans Women and Men
Thiago Henrique de Pontes Ferreira, SLP, Roxane De Alencar Iruene, PhD, SLP, Ana Paula Dassie-Leite, PhD, SLP, Eliane Cristina Pereira, PhD, SLP, Perla Do Nascimento Martins, PhD, SLP

8:21am The Voice Gender: Vocal Self-Perception Versus External Perception
Diego Martinho, SLP, MS, Ana Carolina Constantini, PhD, SLP

8:28am Dysphonia Risk, Presence of Vocal Changes, and Vocal Self-Perception in Brazilian Transgender Women
João Marcos da Trindade Duarte, PhD, SLP, MS, Jean Carlo dos Santos Oliveira, SLP, Marcia Simões-Zenari, PhD, SLP, MS, Katia Nemr, PhD, SLP, MS

8:35am Discussion

8:42am Determining the Mouth-To-Microphone Distance in Rigid Laryngoscopy: A Novel Solution Based on the Depth of Endoscope Insertion Into the Mouth
Jan G. Soee, PhD, Dominika Valaskova, MS, Jiřka Vydrová, MD
8:49am  Laryngeal High-Speed Endoscopy in Patients With Laryngopharyngeal Reflux  
Xinlin Xu, MD, PhD, Xiangping Li, MD, PhD, Peiyun Zhuang, MD  

Sunday, June 2, cont.

8:56am  A Two-Dimensional Continuous Approach for Organizing Voice and Laryngeal Pathologies  
Ofer Amir, PhD, SLP, Ilan Roziner, PhD  

9:03am  Efficacy of Voice Therapy for Vocal Fold Masses: Avoidance of Surgery  
Kristen Prijs, BS, Caroline Quindlen, MS, Philip Maxwell, MS, Craig Cooper, DO, Vishnu Martha, MD, Omar Ramadan, MD, Pelin Yuksel, Robert Sataloff, MD, FACS, DMA  

Caitriona Munier, CCC-SLP, MS  

9:17am  Analysis of Voice Changes After and Before Thyroidectomy Using Objective Voice Tool and Thyroidectomy Related Voice and Symptom Questionnaire (TVSQ)  
Trupti Baral, SLP, Krishna Yeshoda, PhD  

9:24am  Discussion  

Medical Panel ASGO: (10 AM - 10:55 AM)  
Managing the Geriatric Laryngology Patient  
Sarah K. Rapoport, MD, Moderator  
Panelists: Peak Woo MD, Benjamin Rubinstein MD, Peiyun Zhuang, MD  

Medical Panel (11 AM - 12 AM)  
Challenging Cases in Voice Professionals  
Robert T. Sataloff, M.D., D.M.A., F.A.C.S., Moderator  
Panelists: Thomas Carroll, MD, Catherine Madill, PhD, Carlos Manzano, MD, MS, CPSP, Adam Rubin, MD