

Wednesday, May 29<sup>th</sup>

**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 30<sup>th</sup>

### 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 Burdumy, 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 Steinhauer, 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 Glasner, 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 Steinhauer, 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, Zhixue 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, Zhixue 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 30<sup>th</sup>, 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, Adrián 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-Sawageau, 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. Howard, 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 Extrapinial 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 Shefcik, 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 Wilkens, 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*

- P35**      **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*
- P37**      **The Relationship Between Cepstral Peak Prominence and Pitch Strength in Complex Dysphonia**  
*Shaheen Awan, PhD, MS, Yeonggwang Park, PhD, Supraja Anand, PhD, Rahul Shrivastav, PhD, Eddins David, PhD*
- P39**      **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 Marins Cassiano Nascimento, BS, Tiago Santos Rodrigues, BS, Isabela dos Santos, MS, Mara Behlau, PhD*
- P41**      **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 Slobodtsov, PhD, SLP, Felipe Coimbra, SLP, Elisabete Carrara de Angelis, PhD, SLP*
- P43**      **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*
- P45**      **Synthesis of Subharmonic Voice with Kinematic Vocal Fold Model**  
*Takeshi Ikuma, PhD, Melda Kunduk, PhD, CCC-SLP, Andrew McWhorter, MD, Brad Story, PhD*
- P47**      **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*
- P49**      **Quality of Life in Essential Vocal Tremor**  
*Nayanika Ghosh, MS, Dr. Rosemary A. Lester-Smith, PhD, CCC-SLP*
- P51**      **Primary Muscle Tension Dysphonia in a Clarinetist: A Cross-Discipline Application of Resonant Voice Therapy.**  
*Evan Kennedy, CCC-SLP*
- P53**      **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*
- P55**      **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*
- P57**      **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*
- P59**      **Lamperti's Idea of Pelvic Control of The Breath as it Relates to Classical and Contemporary Musical Styles**  
*Neil Semer, BM*
- P61**      **Demystifying Brazilian Portuguese Lyric Diction: The Sounds of The Language and The Main Pitfalls for Non-Native Singers**  
*Juliana Franco, DMA*
- P63**      **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 Chagnon, MD, MS, BS*
- P65**      **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 Videoendoscopy and Patient Perspective**  
*Mary Wilkens, Renee Gustin, CCC-SLP, MS, Gregory Dion, MD, Rita Patel, 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-Martinez, SLP, MS, Camilo Quezada, PhD, MS, Pía 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 Alsawaie, 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, Samytle Leite do Ó, SLP, Marina Englert, 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*

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

Dinner 5:30PM

## Thursday May 30<sup>th</sup> , 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*
- 6:07pm Current Trends in Terminology Used by Speech-Language Pathologists in Voice Therapy With Adult Voice Patients: A Mixed Methods Study**  
*Sarah Kervin, CCC-SLP, MM, MS, BM, Kaila Harris, CCC-SLP, MS, Megan Urbano, CCC-SLP, MS, James Curtis, PhD, CCC-SLP, MS*
- 6:14pm Relation Between Perceptual Dysphonia, Voice Onset Time, HNR and fo in Secondary Muscle Tension Dysphonia and Unilateral Vocal Fold Motion Impairment: A Pilot Study.**  
*Maria Francisca de Paula Soares, PhD, SLP, Marilia Carvalho Sampaio, PhD, SLP, Meike Brockmann-Bauser, PhD, SLP*
- 6:21pm The Effects of Respiratory Lung Volume Training on Primary Muscle 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**  
*Sriprachodaya 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 Breathiness, Roughness, and Strain Voice Quality**  
*Yeonggwang Park, PhD, Supraja Anand, PhD, Shaheen Awan, PhD, CCC-SLP, Rahul Shrivastav, 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 Dornelas, PhD, Vanessa Veis 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**



## Thursday May 30<sup>th</sup> , 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**

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

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

**Chair: Ana Flavia Zuim, PhD, BM**

**The Westin Philadelphia Hotel, Grand Ballroom, Salon II**

- 6:49pm Understanding the Vocal Health Awareness and the Role of Speech-Language Pathologists in Undergraduate Vocal Performers: A Pilot Survey**  
*Nizar Tejani, MD, Sarah Quintana, CCC-SLP, MS, Noah Spillers, BS, Karuna Dewan, MD, FACS*
- 6:56pm Increased Respiratory Drive in Sustained Ventricular Vocal Fold Phonation**  
*Geddy Warner, MM, BM, Aaron Johnson, PhD, CCC-SLP, MM*
- 7:03pm The Effects of a Breath Exhalation Regulation Routine in Collegiate Singers**  
*Zachary Devin, PhD, MM, BM*
- 7:10pm Prevalence of Hypermobility among Singers: A Pilot Study**  
*Mairin Srygley, CCC-SLP, MM, MS, BA*
- 7:17pm Pregnancy, Diseases of Pregnancy, and the Voice: An Integrative Review**  
*Rebekah Ankrom-Baker, MM, BM*
- 7:24pm Vocal Dose of Singers in the Musical *Dear Evan Hansen*: A Dosimetry Study**  
*Ana Flavia Zuim, PhD, BM, Celia Stewart, PhD, CCC-SLP, Ingo Titze, PhD*
- 7:31pm Discussion**

## Friday, May 31<sup>st</sup>

### 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**  
*Meike Brockmann-Bauser, PD PhD MSc dipl. Klin. Log.*
- 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 Goff-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 Dattilo, MD, Samantha Kridgen, CCC-SLP, MS, Christopher Dwyer, 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 Chaar, MD*
- 8:21am Botox Injection Combined With Partial Arytenoidectomy; A Novel Approach for Treatment of Episodic Laryngeal Breathing Disorders**  
*Pingjiang Ge, 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 Gunjawate, 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 Symptoms among Mexican Prospective Teachers**  
*Carlos Manzano, MD, MS, Lady Catherine Cantor-Cutiva, 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 Priejs, 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, Sriprachodaya 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 (AI): Scope, Challenges, Limits and Ethical Principles.**  
**Moderator: Carlos Manzano, MD, MS**  
*Hamzeh Ghaseemzadeh, 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**

- 1:00pm What is Your Position? Identifying Systemic Structural Forces in the Playing Field of Voice Pedagogy**  
*Dale Cox, PhD, MM, BA*
- 1:07pm 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*
- 1:14pm Voice Therapy Pedagogy: Harnessing the Power of Simulation and Standardized Patients**  
*Mahdi Tahamtan, PhD, Susana Keller, CCC-SLP, Jason Konzelmann, BS*
- 1:21pm 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*
- 1:28pm Demographic Content Analysis of Musical Theatre Anthologies**  
*Paul Patinka, MM, Zipporah Peddle, MM, Lauren Weber, MM*
- 1:35pm Improving Auditory-Perceptual Assessment of Timbres: Testing Four Deconstructed Timbre Assessment Models**  
*Mathias Aaen, PhD, Cathrine Sadolin*
- 1:42pm Discussion**
- 1:49pm 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*
- 1:56pm Laryngeal Response to "Support" Instruction**  
*Martha Randall, MM, BM, Lori Sen, DMA*
- 2:03pm Cultural Responsivity in the Vocal Studio**  
*Mariana Elosúa 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 Cossu, MM*
- 1:14pm A Study of Ear Dominance and Its Effects on Vocal Intonation, Amplitude, and Tone**  
*Lynne Cuneo, 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, BM, 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 Pracht 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 Laís Salomão, PhD, Christoffer Forbes Schieche*
- 3:44pm Relationships among 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, Breathless, 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 Disorders among 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 Ierde, PhD, Casey Dewanckele, Iris Meerschman, PhD, Evelien 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 Lyberg Åhlander, PhD, Pasquale Bottalico, PhD*
- 4:33pm Perceived Exertion and Vocal Fold Vibratory Dose Responses to the Fluid Interval Test for Voice (FIT-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'Haeseleer, 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 Zogaib, 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**  
*Zhongjiing Pan, Dan Lu, MD, PhD*
- 5:43pm Test-Retest Reliability of the Daily Phonotrauma Index in Vocally Healthy Females**  
*Jameson Cooper, MS, Benjamin Kevelson, 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 Shelly, 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 According to the Rehabilitation Treatment Specification System – Voice: A Scoping Review**  
*João Marcos da Trindade Duarte, SLP, Denis de Jesus Batista, SLP, Leonardo Wanderley Lopes, PhD, SLP, Anna Alice Almeida, PhD, SLP, Larissa Thais Donalsonso 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 Saccente-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 de Santana, SLP, Maria Lúcia Vaz Masson, PhD, SLP, MS, Maria Francisca de Paula Soares, PhD, SLP, MS, Meike Brockmann-Bausser, 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 Ierde, 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**

## Master Class:

**John Mac Master (7:30-8:45PM)**

## 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, Deyverson 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 Sulica, MD, Chistine 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 Diaz Gutierrez, SLP, Alejandro Morales, SLP, MS, Iara Bittante de Oliveira, SLP, MS, Leslie Piccolotto Ferreira, PhD, SLP, Maria Lucia 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 R Gunjawate, 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 Payten, 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 Sundarajan, 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 Irineu, 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. Svec, PhD, Dominika Valaskova, MS, Jitka Vydrova, 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**

*Oferamir, 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*

**9:10am A Systematic Literature Review of Hypermobility Spectrum Disorders (HSD) and Hypermobile Ehlers Danlos Syndrome (HEDS). Effects on Laryngeal Functioning, Voice, and Swallowing.**

*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*