The Voice Foundation



Care of the Professional Voice

The Westin Hotel \cdot 99 South 17th Street \cdot Philadelphia, PA 19103 May <u>31st - June 4th, 2023</u>



LEADING PROFESSIONALS IN VOICE CARE SHARING KNOWLEDGE AND EXPERTISE

Provided by The Voice Foundation in collaboration with the Academy of Vocal Arts, American College of Surgeons, The American Institute for Voice and Ear Research, the American Society of Geriatric Otolaryngology, Collegium Medicorum Theatri (CoMeT). Drexel University College of Medicine, The Lankenau Institute for Medical Research, and Temple University.

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GRADUATE CREDIT

It may be possible to obtain graduate credit through independent study from your University's Dept. of Speech-Language Pathology. Registration must be completed prior to the first day of the Symposium. **Program Objectives** for Speech-Language Pathologists <u>Click Here</u>

This course is available for partial ASHA CEUs. CEUs are awarded only for sessions in which a participant attends and completes attendance requirements.

NEEDS ASSESSMENT

The specialty of voice care involves rapidly advancing technology, new medical and scientific knowledge, and constant advancement in patient care. State-of-the-art symposia and courses are essential for interdisciplinary communication and education. For fifty years The Voice Foundation's Annual Symposium has fulfilled these needs for the international community.



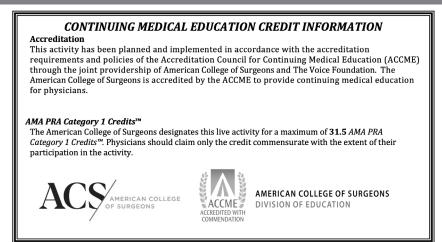
Symposium Financial Support

In Kind: PENTA Staff

Grant Acknowledgement:

The Voice Foundation wishes to thank **Plural Publishing** for their ongoing support through educational grants.

Care of the Professional Voice 2023



Award of CME credits by ACS is based on compliance of the program with the ACCME accreditation requirements and does not imply endorsement by ACS of the content, the faculty, or the sponsor of the program.

AND

Successful completion of this CME activity, which includes participation in the evaluation component, enables the learner to earn credit toward the CME of the American Board of Surgery's Continuous Certification program.

PROGRAM OBJECTIVES

This activity is designed for The Voice Foundation. Upon completion of this course, participants will be able to...... Gain familiarity with recent technological, scientific and clinical advances in the study of the human voice; Expand perspectives in the diagnosis and treatment of voice disorders and techniques for vocal fold surgery; Be able to apply various voice examinations/evaluations, therapy and teaching techniques; Foster dialogue and cooperation among the various disciplines concerned with the care of the professional voice; Gain interdisciplinary information about clinical and research aspects of neurolaryngology; and, Determine the relationship between normal and abnormal voice production and the various means of studying the voice.

In accordance with the ACCME Accreditation Criteria, the American College of Surgeons must ensure that anyone in a position to control the content of the educational activity (planners and speakers/authors/discussants/moderators) has disclosed all financial relationships with any commercial interest (termed by the ACCME as "ineligible companies", defined below) held in the last 24 months (see below for definitions). Please note that first authors were required to collect and submit disclosure

information on behalf all other authors/contributors, if applicable.

Ineligible Company: The ACCME defines an "ineligible company" as any entity producing, marketing, re-selling, or distributing health care goods or services used on or consumed by patients. Providers of clinical services directly to patients are NOT included in this definition.

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The ACCME also requires that ACS manage any reported conflict and eliminate the potential for bias during the educational activity. Any conflicts noted below have been managed to our satisfaction. The disclosure information is intended to identify any commercial relationships and allow learners to form their own judgments. However, if you perceive a bias during the educational activity, please report it on the evaluation.

Welcome to the 52nd Annual Symposium CARE OF THE PROFESSIONAL VOICE

Workshop & Audio Visual Coordinator Phillip Doucette, CCC-SLP

CME/CEU & VOLUNTEER COORDINATOR BRIDGET ROSE, CCC-SLP

Scientific Program

David Eddins, PhD Ronald C. Scherer, PhD Nancy Pearl Solomon, PhD Johan Sundberg, PhD

MEDICAL PROGRAM

Michael S. Benninger, MD Michael M. Johns, MD Robert T. Sataloff, MD

Speech-Language Pathology Mary (Molly) Erickson, PhD, Thomas Murry, PhD, Robert T. Sataloff, MD

New Investigators Research Forum Rita Patel, PhD, Chair

MIA FAIEL, FHD, CHAIR Mara Behlau, PhD, Christian Herbst, PhD Shigeru Hirano, MD, David Meyer, DM

QUINTANA VOICE RESEARCH AWARD

Dimitar Deliyeski, PhD, Chair Mara Behlau, PhD, Jack Jiang, PhD, Luc Mongeau, PhD, Seiji Niimi, MD, Cara Stepp, PhD, Johan Sundberg, PhD Jan Švec, PhD

Hamdan Best Student Award Gisele Oliveira Award

Shaheen Awan, PhD, Chair David Eddins, PhD, Jeannette LoVetri, Lyndsay Leigh madden, DO, Deanna McBroom, MM, Stephanie misono, MD, Adam Rubin, MD

SATALOFF AWARD FOR

Young Investigators Norman Hogikyan, MD, Chair Dale Ekbom, PhD, Eric J. Hunter, PhD Denis LaFreniere, MD, David E. Rosow, MD Kristiane van Lierde, PhD

Video Editing Valerie Trollinger, DME

KIMBERLY STEINHAUER, PHD

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РнD

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NATS/TVF Chat Kari Ragan, DMA Margaret Baroody, MM

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Panels Robert T. Sataloff, MD

Young Laryngologists Aaron Jaworek, chair, MD

Award Committees

Hamdan International Presentation Award Rahul Shrivastav, PhD, Chair Jonathan Bock, MD, Aaron Johnson, PhD

VAN L. LAWRENCE FELLOWSHIP AWARD

Robert T. Sataloff, MD, Chair Diana Allan, DMA, Margaret Baroody, MM Lynn Helding, MM, Adam Rubin, MD Josef Schloemicher-Thier, MD

Spasmodic Dysphonia Research award Linda Carroll, PhD, Chair Chayadevie Nanjundeswaran, PhD Cara Stepp, PhD, Gayle Woodson, MD

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The Annual Symposium is possible through the work of many people behind the scenes.

Our Thanks to: THE PENTA STAFF The Board of Directors, Advisory Board Members, JOV Editorial Board, Awards Committee Members, Volunteers, Donors, and Attendees

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Martha How

WEDNESDAY, MAY 31st, 2023 8:00am – 12:30pm CoMeT Meeting

Schedule available on CoMeT Website: https://comet-collegium.com



2:00pm	Welcome The Westin Philadelphia Hotel, Grand Ballroom, Salon II Robert T. Sataloff, MD, Chairman, The Voice Foundation
2:15pm	Anatomy and Physiology of Phonation: An Overview Robert T. Sataloff, MD
3:00pm	Basic Neurological Aspects of Voice Production: An Overview Kristina Simonyan, MD
3:30pm	Respiration for Voice: An Overview Johan Sundberg, PhD
4:00pm	Coffee Break
4:30pm	Phonation: An Overview Ronald S. Scherer, PhD
5:00pm	Acoustics: An Overview Sten Ternström, PhD
5:30pm	Perception of Voice: An Overview David Eddins, PhD
6:00pm	Performance Pedagogy: An Overview Stephen Austin, PhD
6:30pm	Question and Answer
7:00pm	Adjourn

CARE OF THE PROFESSIONAL VOICE 2023

	THURSDAY, JUNE 1 st , 2023
7:20am	Meeting of the Quintana Voice Research Award Committee The Board Room
7:30am	Registration Opens I Independence Hall
8:00am	Introduction and Welcome Grand Ballroom, Salon II Robert T. Sataloff, MD, Chairman, The Voice Foundation
	Basic Science Session I (8:12am - 9:30am)
S	ession I: Potpourri- Modeling, Phonotrauma, Neuro and Singing Chair: Johan Sundberg, PhD The Westin Philadelphia Hotel, Grand Ballroom, Salon II
8:12am	Aerodynamic Measures in a Synthetic Silicone Vocal Fold Model Coupled with a 3D-Printed Vocal Tract Nicholas May, PhD, David Meyer, DM, Ron Scherer, PhD
8:24am	Subject-Specific Calibration of Vocal Fold Dissipated Power Detects Phonotrauma Hamzeh Ghasemzadeh, PhD, Robert Hillman, PhD, Victor Espinoza, PhD, Andrew Ortiz, MS, Jarrad Van Stan, PhD, Daryush Mehta, PhD
8:36am	Phonotraumatic Vocal Hyperfunction Manifests Differently Based on Ambulatory Monitoring of Speaking Versus Singing Hamzeh Ghasemzadeh, PhD, Robert Hillman, PhD, Andrew Ortiz, MS, Jarrad Van Stan, PhD, Daryush Mehta, PhD
8:48am	Changes in Brain Activity During Vocal Performance Over a Semester of Song Study: A Pilot Study Matthew Schloneger, PhD, Joshua Halonen, PhD, Rolaine Hetherington, M
9:00am	Panel for Session I Nicholas May, PhD, Hamzeh Ghasemzadeh, PhD, Matthew Schloneger, PhD, Thomas Carroll, MD, Linda Carroll, PhD

"The Voice Foundation is a nice blend of the premier people in the world dedicated to voice health, with different knowledge backgrounds, and coming from different cultures through the various subspecialties that participate in the program."

~ Mike Benninger, Broadening the Circle

Quintana Research Award Lecture 9:30am-10:00am

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

Ambulatory Monitoring of Hyperfunctional Voice Disorders Robert E. Hillman, PhD, CCC-SLP



Robert E. Hillman, PhD, CCC-SLP received his BS and Masters degrees (speech-language pathology) from the Pennsylvania State University and his PhD (speech science) from Purdue University. He is currently the Co-Director and Research Director of the Center for Laryngeal Surgery and Voice Rehabilitation at the Massachusetts General Hospital, Professor of Surgery at Harvard Medical School, and an Adjunct Professor at the MGH Institute of Health Professions and Boston University. He has been awarded over 30 grants from governmental and private sources to support his research. His research and over 180 publications have focused on the study of normal and disordered voice production, with a particular focus

on hyperfunctional voice disorders and the related development of methods for clinical voice assessment. Dr. Hillman is a Fellow of the American Speech-Language-Hearing Association and an Associate Fellow of the American Laryngological and American Bronchoesophagological Associations. He has received 16 major awards related to his research, including the Honors of the American Speech-Language-Hearing Association, that organization's highest award given to "recognize individuals whose contributions have been of such excellence that they have enhanced or altered the course of the Professions."

Scan Me

To see the past winners and for more information about the Quintana Award



10:00am Coffee Break

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

Basic Science Session II (10:30am – 12:00pm) Phonatory Modeling Chair: Ron Scherer, PhD The Westin Philadelphia Hotel, Grand Ballroom, Salon II

10:30am Estimating the Biomechanics of Vocal Function From Glottal Airflow Measures Using Constrained Extended Kalman Filter and Body Cover Model of the Vocal Folds

Emiro Ibarra, MsC, Gabriel Alzamendi, PhD, Matias Zañartu, PhD

Basic Science Session II, cont. (10:30am - 12:00pm)

10:42am Monitoring Vocal Behavior Outside the Clinic Using a Simulation-Based Voice Production Inversion Neural Network Zhaoyan Zhang, PhD

- 10:54am Kinematics of Vocal Fold Vibration in Double-Pulsed Phonation Vinod Devaraj, MS, Philipp Aichinger, PhD
- 11:06am Intraglottal Surface Pressures Part 1: Asymmetric (Oblique) Geometries Ron Scherer, PhD
- 11:18am Intraglottal Surface Pressures Part 2: Complex Model Geometries Ingo Titze, PhD, M.S.E.E., Anil Palaparthi, PhD

11:30am Panel for Session II Emiro Ibarra, MsC, Zhaoyan Zhang, PhD, Vinod Devaraj, MS Ingo Titze, PhD, M.S.E.E., MS, Adam Rubin, MD, Mara Behlau, PhD

12:00 - 1:00pm

Meeting of Journal of Voice Editorial Board Chair: Robert T. Sataloff Georgian Room

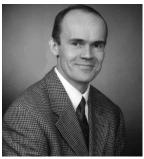
Presentation Outreach Committee Meeting The Director's Room

12:00p Lunch Break

Keynote Presentation 1:30pm-2:30pm

Glottal Inverse Filtering Analysis of the Voice Source: Methods and Utilization in Classification of Speech and Voice Disorders Paavo Alku, Dr.Sc.

Paavo Alku received his M.Sc., Lic.Tech., and Dr.Sc. (Tech) degrees from Helsinki University of Technology, Espoo, Finland, in 1986, 1988, and 1992, respectively. He was an assistant professor at the Asian Institute of Technology, Bangkok, Thailand, in 1993, and an assistant professor and professor at the University of Turku, Finland, from 1994 to 1999. He is currently a professor of speech communication technology at Aalto University, Espoo, Finland. He has published around 220 peer-reviewed journal articles and around 210 peer-reviewed conference papers. He is an Associate Editor of the Journal of the Acoustical Society of America. He served as an Academy Professor assigned by the



Academy of Finland in 2015-2019. He is a Fellow of the IEEE and a Fellow of ISCA.

Basic Science Session III (2:30pm - 4:00pm)

Perception and High Speed Videoendoscopy Chair: David Eddins, PhD The Westin Philadelphia Hotel, Grand Ballroom, Salon II

- 2:30pm Effect of Modulated Vocal Effort on Computational Estimates of Sharpness Yeonggwang Park, PhD, Shaheen Awan, PhD, Supraja Anand, PhD, Rahul Shrivastav, PhD, David Eddins, PhD
- 2:42pm Sensitivity and Specificity of Auditory-Based Computational Measure of Breathy Voice Quality: A Comparison Across Databases and Scaling Methods Supraja Anand, PhD, Yeonggwang Park, PhD, Rahul Shrivastav, PhD, David Eddins, PhD
- 2:54pm The Influence of Multisensory Input on Voice Perception and Production Using Immersive Virtual Reality Ümit Daşdöğen, MsC, Shaheen Awan, PhD, Pasquale Bottalico, PhD, Aquiles Iglesias, PhD, Katherine Verdolini Abbott, PhD
- 3:06pm Automated Measurements of Glottal Attack and Offset Time in High-Speed Videoendoscopy during Connected Speech for Adductor Spasmodic Dysphonia Patients *Ahmed Yousef, MS, Dimitar Deliyski, PhD, Stephanie Zacharias, PhD,*

Anmea Yousef, MS, Dimitar Deliyski, PhD, Stephanie Zacharias, I Maryam Naghibolhosseini, PhD

3:18pm Vocal Fold Obstruction due to Laryngeal Maneuvers in Adductor Spasmodic Dysphonia during Connected Speech Trent Henry, BA, Dimitar Deliyski, PhD, Stephanie Zacharias, PhD, Maryam Naghibolhosseini, PhD

3:30pm Panel for Session III Yeonggwang Park, PhD, Supraja Anand, PhD, Ümit Daşdöğen, MsC, Ahmed Yousef, Trent Henry, BA, MS Jean Abitbol, MD, Kittie Verdolini-Abbott, PhD

4:00-4:30pm Coffee Break

Poster Session, Section 1 (4:00pm - 4:45pm)

Session Chair: Ronald C. Scherer, PhD The Westin Philadelphia Hotel, Grand Ballroom, Pre-function Hall

- P1 Fundamental Frequency and Jitter Percent in MDVP and PRAAT Ahmed Nagy Abdelrahman, MD, PhD, CCC-SLP, Ahmed Mohammed, MD
- P3 Perceptions of Intentional Creator Diversity in Applied Western Classical Vocal Studies: A Pilot Study Paul Patinka, MM, Zipporah Peddle, MM
- P5 Safety of Laryngeal Electromyography and Repetitive Stimulation Studies Caroline Quindlen, MS, Ghiath Alnouri, MD, RobertSataloff, MD, FACS, DMA
- P7 The Singing Brain: Neural Correlates Underlying The Production of The Singing Voice Maira Jaber, MM, BA

Poster Session, Section 1, cont. (4:00pm - 4:45pm)

- **P9** Applying Mindfulness Practices in Voice Therapy: Why It Helps and How to Do It Julia Gerhard, CCC-SLP, DMA, Catherine Brown, BA
- P11 Comparison of Professional and Recreational Vocal Performers in Knowledge and Treatment of Voice-Related Health Issues *Camilla Reimer, BA, Kristy Carlson, PhD, JaymeDowdall, MD*
- P13 Pre and Post-Operative Voice Therapy Intervention for Benign Vocal Fold Lesions: A Systematic Review Anna White, Rehab Awad, MD, MSc, PaulCarding, PhD
- P15 Voice Quality Comparison of Brazilian Portuguese Vowels in Reading Style Alexsandro Meireles, PhD, Hansjörg Mixdorff, PhD, CarolinaAnhoque, PhD, Aline Pessoa-Almeida, PhD, Andrea Maia, PhD, Marystella Takahashi-Ramos, PhD
- P17 Cultural Adaptation of the Spanish Version of the Aging Voice Index (AVI) Sandra Rojas, PhD, SLP, María Celina Malebran B. de Mello, SLP, Andrés Delprado Aguirre, SLP, Martha Peña Sánchez, SLP, Sebastián Contreras, SLP, Luis Martínez, PhD
- P19 A New Questionnaire for Undergraduate Vocal Hygiene and Fatigue Zachary Devin, MM, MA
- P21 The dramaturgy of Samuel Beckett's "Not I" and the Voice (the phonatory apparatus and vocal expressiveness) in Theater – A Physiological and Aesthetic Case Study of Carolina Virguez's Vocal Work Jaqueline Priston, MD, SLP, Andrea Campagnolo, MD, João Bezerra, PhD, Carolina Virguez, PhD
- P23 Sitting on Sacro-Iliac and Hips Joint: Effects for Singing, Strategies, Management in Professional Voice Requirements. Biomechanical Tools for Professional Voice Requirements. Lucia Cossu, MM
- P25 Professional Vocal Health Routine: A Virtual Ally in Compliance Maria Claudia Franca, PhD, CCC-SLP, Valerie Boyer, PhD, CCC-SLP, SelinaNajim, BS, Chloe Grover, BS, Megan Dale, BS
- P27 Singing as a Plyometric Activity: Rationale and Utility of this Point of View. For a Biomechanical View on Voice Production. Lucia Cossu, MM
- P29 Siren Songs: The 21st Century Sfogato Katherine Skovira, DMA
- P31 Effects of Straw Phonation on Elementary Music Teacher Voice Quality, Fatigue, and Recovery Jeremy Manternach, PhD, Lynn Maxfield, PhD, Louise Pinkerton, CCC-SLP, MM, MA, John Loos
- P33 Emotion Regulation Strategy's Effect on Glottal Contact Quotient. Charles Ratcliff, MS, CCC-SLP, Miriam van Mersbergen, PhD, CCC-SLP

THURSDAY, JUNE 1ST, 2023 Agenda

THURSDAY, JUNE 1ST, 2023

Poster Session, Section 1, cont. (4:00pm - 4:45pm)

- P35 Vocal Fold Fat Injection for Glotic Insufficiency: Systematic Review Andrea Campagnolo, MD, Michael Benninger, MD, JaquelinePriston, SLP, Vinícius Nickel, MD
- P37 The Effects of Empowered Postural Cues on Respiration for Singing April Ball, MFA, BA, Kayla Gautereaux, MM, BM, Josh Gilbert, PhD, MM, BM, Lauren Guthridge, MM, BM
- P39 Resonance Tube Therapy in Individuals with Parkinson's Disease: A Session-by-Session Analysis of the Vocal Quality Kelly Silverio, PhD, CCC-SLP, Ana dos Santos, MD, CCC-SLP, LeticiaBonini, SLP, Jhonatan Vitor, MD, CCC-SLP, Angelica Antonetti, MD, CCC-SLP, Alcione Brasolotto, PhD, CCC-SLP
- P41 Characteristics of Voice Before and After Intensive Speech Therapy in Velopharyngeal Dysfunction Lidia Teles, PhD, Jeniffer Dutka, PhD, KemellynVeiga, MD
- P43 How to Start and Facilitate a Transgender Voice Support Group? Lessons Learned in the First Year Ramya Konnai, PhD
- P45 Insights into Access to Gender-Affirming Voice Services Erin Wind, MM, BM, Shannon Salley, CCC-SLP
- P47 Use of Phonotraumatic Behaviors in College Students and Their Relationship to Symptoms of Voice Problems Brittany Perrine, PhD, McKenna Hooper, BA
- P49 Laryngeal Hypermobility: What Do We Know? Mairin Srygley, CCC-SLP, MS
- P51 Validation in Brazilian Portuguese of the Self-assessment of Communication Competence (SACCom) Vanessa Veis Ribeiro, PhD, Marcos Antonio da Cunha Santos, PhD, Anna Alice Figueiredo deAlmeida, PhD, Mara Behlau, PhD

Poster Session, Section II (4:45pm - 5:30pm)

- P2 Rats as a Translatable Model for the Study of Vocal Folds with Estrogen Loss and Replacement Naila Cannes do Nascimento, PhD, BS, MSc, Taylor Bailey, PhD, MS, MPH, Abigail Cox, PhD, Preeti Sivasankar, PhD, CCC-SLP
- P4 Vocal Tract Formants in Carnatic Classical Singers After Resonant Voice Therapy Revathi Raveendran, MSc, Yeshoda Krishna, PhD, MSc
- P6 Anthologizing the Canon: An Examination of Repertoire Anthologies *Paul Patinka, MM*
- P8 Mindfulness in People with Voice Disorders Catherine Brown, BA, Donald McCown, PhD

Poster Session, Section II, cont. (4:45pm - 5:30pm)

- P10 Pre and Post-Operative Voice Therapy for Benign Vocal Fold Lesions: An International Electronic Delphi Consensus Study Anna White, Paul Carding, PhD, Vicky Booth, PhD, Pip Logan, PhD, Julian McGlashan, MBBS, Rehab Awad, MD, MSc
- P12 Longitudinal Vocal Outcomes and Voice-Related Quality of Life After Selective Bilateral Laryngeal Reinnervation: A Case Study Imke Kissel, SLP, MSc, Iris Meerschman, PhD, SLP, MSc, EvelienD'haeseleer, PhD, SLP, MSc, Anke Adriaansen, MSc, Tine Papeleu, SLP, MSc, Peter Tomassen, MD, Jean-Paul Marie, MD, Kristiane Van Lierde, PhD, SLP, MSc
- P14 The Influence of Clarinet Playing on the Voice Alexander Lyons, MFA, BS, Lauren Guthridge, MM, BM, Joshua Gilbert, BM, Kayla Gautereaux, MM, BM
- P16 Severity Range Values for Overall Severity, Breathiness, Roughness, and Strain on a Visual Analogue Scale Using the Perceptual Voice Qualities Database (PVQD) Maggie Davis, BS, Emily Kania, BS, Patrick Walden, PhD, CCC-SLP
- P18 Voice Symptoms in Teaching Career Students of Countries from South America Territory Maria Celina Malebran, SLP, Maria del Carmen Dalmasso, SLP, JessicaRamona, SLP, Adriana Díaz, SLP, Felipe Cerda, MD, SLP, Lady Cantor-Cutiva, MD, PhD, SLP, Eric Hunter, MD, PhD, SLP

P20 Thalamic Ventral Intermediate Nucleus Deep Brain Stimulation Reduces Vocal Tremor in Essential Tremor Patients Alexis B. Higgins, MS, Leah Burroughs, BS, Rita Patel, PhD, Sarah Zauber, MD, Kunal Gupta, MD, PhD

- P22 The Impact of Emotional Valence and Activity on the Use of Vibrato in CCM Singing Yu Hin Bryan Chan, MFA, Kayla Gautereaux, MM, BM, Josh Gilbert, BM, Lauren Guthridge, MM, BM
- P24 Breath in a Biomechanical View: Breath as an Elastic Springlike Energy into the Eccentric/Concentric Functional Work of Respiratory/Postural Muscles Lucia Cossu, MM
- P26 Decision-Making Process of Patients with Vocal Fold Cysts and Vocal Fold Polyps Yifeng Wei, SLP, MSc, Aurora Tam, MBBS, Michael Tong, PhD, Kathy Lee, PhD, SLP, Thomas Law, PhD, SLP
- P28 Generation Z's Attitudes Toward Individuals with Glottal Fry Chaya Nanjundeswaran, PhD, CCC-SLP, Sathvik Ramu
- P30 Developing a Population-Spesific Health Instrument, Voice Handicap Index For Religious Officials and Investigating Its Validity and Reliability Fatma Esen Aydınlı, PhD, SLP, Ayşegül Sarı, SLP, Önal İncebay, PhD, SLP, Esra Özcebe, PhD, SLP, Emel Çadallı Tatar, MD, PhD, Elife Barmak, PhD, SLP, Esma Altan, MD, Taner Yılmaz, MD, PhD

Poster Session, Section II, cont. (4:45pm - 5:30pm)

- P32 Language, Curriculum and Education Level Effects on the Prevalence of Selfreported Voice Symptoms of Student Teachers. *Carlos Manzano, MD, MS, Lady Catherine Cantor-Cutiva, PhD, SLP, Alejandro Morales, SLP, MS, Eric J. Hunter, PhD*
- P34 Voice Assessment: Recommendations by the Peak Bodies Dhanshree R Gunjawate, PhD, Duy-Duong Nguyen, MD, Catherine Madill, PhD
- P36 Non-Linear Analysis by Phase Space Reconstruction According to the Type of Voice Signal Lidia Teles, PhD, Mariana Gonçalves, MD, Debora Galdino, PhD, Arlindo Montagnolli, PhD
- P38 Acoustic Variables Associated with Perception of Strain Part 2 Taylor Stone, BM, Molly Erickson, PhD
- P40 The Impact of Inspiratory Muscle Strength Training on Vocal Loudness in Individuals with Parkinson Disease: A Case Series Courteney McClutchy, MA, Karen Hegland, PhD, MichelaMir, MS, Nicole Herndon, MS, Amber Anderson, MS
- P42 The Pre- and Post-Operative Voice therapy (PaPOV) Trial: Feasibility Trial Protocol Anna White, Vicky Booth, PhD, BA, Paul Carding, PhD, BA, MSc, Pip Logan, PhD, BA, MSc
- P44 College Teachers and Voice Symptoms: How Topic of Teaching, Background Noise and Duration of Class Affect This Relationship? Lady Catherine Cantor-Cutiva, PhD, SLP, MSc, Carlos Calvache, SLP, MSc, Pasquale Bottalico, PhD, MSc
- P46 Subjective Perception of Vocal Quality in People with Parkinson's Disease. Sandra Corvo Macarro, PhD, Bastián Solís Rodríguez, Roberto Fernández-Baillo Gallego de la Sacristana
- P48 Training Young TBB Singers for the Demands of Contemporary Musical Theater Steven Oliveri, MA
- **P50** What Do My Feet Have to Do With My Jaw? Correcting Postural Support and Alignment to Facilitate Jaw Release *Ruth Williams Hennessy, MM*
- P52 Antagonism in the Voice Studio: Discovery Through Range of Motion and Contrasting Sounds. *Chadley Ballantyne, DMA, MM, BM, Alyson Culbertson, BM*

5:30pm Dinner (on your own)

"An important enduring mystery that cries out for resolution is the rules, if you will, of ventilatory control." ~ RJ Baken, PhD, Broadening the Circle

Special Session I: Voice Pedagogy (6:00pm - 7:30pm) Concurrent Sessions

Chair: Pasquale Bottalico, PhD The Westin Philadelphia Hotel, Grand Ballroom, Salon I

- 6:00pm High-Resolution Hybrid CT+MRI Vocal Tract Modeling in Living Participants David Meyer, DM, Rushdi Rusho, MS, Subin Erattakulangara, BS, Wahid Alam, BE, Jarron Atha, BS, Gary Christensen, DsC, Sarah Vigmostad, PhD, David M Howard, PhD, Eric Hoffman, PhD, Ingo Titze, PhD, M.S.E.E., Christian Herbst, PhD, Brad Story, PhD, Sajan Lingala, PhD
- 6:10pm Formative Assessment of Vocal Performance Samples of Acting Students: Why Analyze it From a Socio-Behavioral Perspective? Gala Fernandez-Fresard, MD, Maria Duarte, PhD, Luis Flores, PhD
- 6:20pm Spectral Trends Associated With the Type 3 Onset *Kourtney Austin, PhD*
- 6:30pm Western Classical Singing Is Not a Homogeneous Basket: Acoustic Characterization of Early Music and Romantic Operatic Singing Pasquale Bottalico, PhD, Silvia Capobianco, MD, Orietta Calcinoni, MD, Luca Bruschini, MD, Stefano Berrettini, MD, Andrea Nacci, MD
- 6:40pm Discussion
- 6:50pm A New Vocal Tract Organ as an Harmonic (Quasi Pipe Organ) Synthesiser David M Howard, PhD, Dave Chapman, BS
- 7:00pm Tuning in 4-part Choral a Cappella Choral Textures and The Slider Vocal Tract Organ

David M Howard, PhD, Dave Chapman, BS

7:10pm Predicted Pitch Drift with Just Tuning in a cappella Choral Singing David M Howard, PhD

7:20pm Discussion



NEW YORK SINGING TEACHERS ASSOCIATION

Educating Voice Professionals Worldwide Since 1906

NYSTA Supports The Voice Foundation on its 52nd Anniversary Symposium

Available live in NYC and online worldwide, the New York Singing Teachers Association (NYSTA) offers its international membership events featuring leading figures in vocal performance, pedagogy, and health through the Great Coaches Series and Professional Development Program (PDP), as well as workshops, seminars, master classes and a peer-reviewed quarterly journal to inspire and educate those who work with the singing voice across all musical genres. Founded in 1906, NYSTA is the oldest singing teachers' association in the world. Join history! For more information about membership, professional development resources, and our scholarship program, please visit our website at

www.nyst.org.

Special Session II: Voice Pedagogy (6:00pm - 7:30pm) Concurrent Sessions

Chair: Christian Herbst, PhD The Westin Philadelphia Hotel, Grand Ballroom, Salon II

6:00pm	Vibrato Variability as a Diagnostic, Pedagogical Tool: Timbre Perception of Vibrato Health, Production, and Expression Theodora Nestorova, MM, John Mac Master, BA, Isabelle Cossette, DMA, Gary Scavone, PhD
6:10pm	Experimental Data on Source-Filter Interaction in Singers Brian Gill, DM, Filipa Lã, PhD, Johan Sundberg, PhD
6:20pm	Spectral Moment Analysis of a Synthesized Singing Voice Joshua Glasner, PhD, Joseph Hitchcock, MM, Kayla Gautereaux, MM
6:30pm	The Effect of Room Acoustics on a Singer's Voice and Mind: An Acoustic Simulation Study Elisabeth Coster, BM, Keiko Ishikawa, PhD, Silvia Murgia, MS, Pasquale Bottalico, PhD
6:40pm	Discussion
6:50pm	Acoustical Theory of Vowel Modification Strategies in Belting Christian Herbst, PhD, Brad Story, PhD, David Meyer, DM
7:00pm	Metal and Density as Voice Quality Classifiers in Complete Vocal Technique. A preliminary Double-Case Study Applying Aerodynamic, Electroglottographic (EGG) and Inverse Filtering Measures Mathias Aaen, PhD, Mari Leppävuori, MA, Tero Ikävalko, MSc, Cathrine Sadolin, Anne-Maria Laukkanen, PhD
7:10pm	Clustered or Unclustered: What High Frequency Energy Suggests About Resonance Strategies in Commercial Recordings Chadley Ballantyne, DMA, Joshua Glasner, PhD, Alyson Culbertson, BM

7:20pm Discussion

WORKSHOP REMINDER

The Workshops are at the Academy of Vocal Arts, 1920 Spruce St., a half mile walk from the Westin Hotel. Maps & Directions to Academy of Vocal Arts (AVA) are available online and at the Registration Desk

Directions and Map:



"There are highly interactive discussions and questions by everybody, no matter the discipline, so that the emotions aren't relative to defending a discipline but reflect passions to know more eclectically." ~ Ron Scherer, Broadening the Circle

6:45am	Advisory Board Meeting
	Chair: Michael M. Johns III, MD (Thomas Carroll, MD acting Chair)
	The Director's Room
7:30am	Registration Opens Independence Hall

Special Session (8:00 - 11:55am)

Singing Together

Moderator: Nancy Pearl Solomon, PhD The Westin Philadelphia Hotel, Grand Ballroom, Salon I

8:00am	Preparing to Sing
	Brenda Smith, DMA, & Robert T. Sataloff, MD, DMA, FACS

- 8:25am Inter-Singer Spacing: Implications for Choral Singing Pedagogy James Daugherty, PhD
- 9:05am Virtual Group Singing: Pandemic Practices and Their Lasting Impact Esther Morgan-Ellis, PhD
- 9:45am Coffee Break Exhibit Hall
- 10:15am I think I'm Singing in Tune ... But Am I? David M. Howard, FREng
- 10:55am Relevance of the Research for Group Singing Brenda Smith, DMA, & Robert T. Sataloff, MD, DMA, FACS

11:10am Panel Discussion Moderator: Nancy Solomon Panel: James Daugherty, David Howard, Esther Morgan-Ellis, Robert Sataloff, Brenda Smith

Awards

Chair: Robert T. Sataloff, M.D.

32nd Annual Van. L. Lawrence Fellowship Award Christian Herbst, PhD

4th Annual Sundberg-Titze Award Charles Ford, MD

12pm Lunch (on your own)

12:15 - 1:30pm	<i>Voice Foundation Board of Directors Meeting</i> Chair: Robert T. Sataloff, MD Board Room
12:15pm	Young Laryngologists Meeting Aaron Jaworek, MD Director's Room

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

Body Awareness

Mindfulness of Breath, Body Sensations & Affect for Vocal Learning Aude Cardona, BM

Transgender Voice

Acoustic Assumptions: Fine-Tuning Resonance in Gender-Affirming Voice Training Sandy Hirsch, MS CCC-SLP

Voice Pedagogy

Training 'Classical' Singers to Stop Sounding 'Classical' Jeannie LoVetri

Breathing & Meaning: Body Budgeting & the Brain Brenda Smith, DMA

Consent, Boundaries & Instructional Touch for the Voice Professional Jeremy Sortore, MFA, MM, BM

Voice Rehabilitation

Sympathetic/Para-Sympathetic Balance: Increase Mindfulness, Enhance Readiness

Carol Krusemark, MA CCC-SLP

Voice Science & Technology

Real-Time Mapping of Phonation Types Sten Ternstrom, PhD

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

Body Awareness

Intentional Transitions: Mindful Movement Sequences for an Embodied Practice Marita Stryker, MM, BM, Christine Schneider, BM

Voice Pedagogy

Resonance Tuning: from Declarative Knowledge to Procedural Application Kenneth Bozeman, MM, BM

Care in Teaching the Adolescent Female Middle Register Lisa Willson DeNolfo, DMA, MM, BA

A Commercial Sounds Master Class Lisa Popeil, MFA

Kinesthetic Voice Training with Estill & Alexander Technique Kimberly Steinhauer, PhD, Diane Gaary, MFA

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

Voice Rehabilitation

Working with Patients with Benign Vocal Fold Lesions: Pre- & Post-Operative Voice Therapy Anna White, BMedSci, MClinRes, Paul Carding, PhD, BA, MsC, Jarrad van Stan, PhD CCC-SLP

Voice Science & Technology

Electroglottography & FonaDyn Software: Practicing Phonation Types for Artistic & Functional Purposes Mauro Fiuza, MS, Filipa La, PhD

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

Body Awareness

Activating the Reverse Support for Self-tone Expression Tais Viera, PhD

Voice Pedagogy

Working with Advanced Belters: Beyond the Basics Amanda Flynn, MM

Training Laryngeal Function in the Bel Canto Repertoire: Using Historical Treatises in Today's Singing Rachelle Jonck, BA, Derrick Goff, MM, BA

A Scaffolded Approach Toward Vocal Development Christianne Roll, EdD, Jeanne Goffi-Flynn, EdD

Manual Therapy as a Modality for Treating Jaw & Tongue Tension in Singers Leda Scearce, MM, MS CCC-SLP

Four Different Types of Voice Distortions for Contemporary Music Fernando Zimmerman, EdS

Voice Rehabilitation

Rehabilitation of Pediatric Voice: Strategies for Pre-school & School-Aged Children Maio Bunder, MS CCC SLP

Maia Braden, MS CCC-SLP

Voice Science & Technology

High-Speech Videoendoscopy: Recording & Analysis Workshop Rita Patel, PhD, Michael Doellinger, PhD

Workshops Session IV (3:45pm-4:35pm)

Body Awareness

Don't Over-Extend Yourself! Increasing Vocal Power & Ease by Correcting Postural Support & Alignment *Ruth Williams Hennessy, MM*

Voice Pedagogy

The Use of Rough Effects in Singing - The Science, Sounds, and Practice of Singing with Distortions, Grunts, Growls, Screams, and Many Others in a Healthy Manner

Mathias Aean, PhD, MA, BA, Cathrine Sadolin

Workshops Session IV, cont. (3:45pm-4:35pm)

A Practical Guide for the Use of Vocal Registers as a Voice Building Tool in the Singing Studio Stephen Austin, PhD, MM

Building Expression in Singing Melissa Grady, PhD, Sheri Cook-Cunningham, PhD

"Please, I Really Want to Sing This Song!" Taking a Student-Centered Approach to Selecting Repertoire Marisa Naismith, PhD, MM

Connecting to the Song: Emotionally, Musically & Vocally Edrie Means-Weekly, MM, BMÉ

Voice Rehabilitation

Application of Motor Learning Theory Principles to Facilitate Transfer of Voice Therapy Goals Douglas Roth, MM, CCC-SLP, Christine Murphy Estes, MM, CCC-SLP

Voice Science & Technology RespTrack: A New Real-Time Software for Visualizing Breathing Filipa La, PhD, Johan Sundberg, PhD

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

Body Awareness

Sing From the Floor, Shatter the Ceiling! Rebekah Ankrom-Baker, MM, BM

Transgender Voice

Using Repertoire to Navigate Vocal Transitions from Testosterone Hormone Replacement Therapy Isabella Ferrari, MA

Voice Pedagogy

Performance Magic: The Slight of Aerodynamics, The Mastery of Filter Manipulation Linda Carroll, PhD, MPhil, MS CCC-SLP, BM, BS

Rock-Style Singing in the Musical Theater Audition Matt Edwards. DMA. MM

Voice Rehabilitation

Developing & Keeping optimal Professional Voice: A Guide for Routine Care Maria Claudia Franca, PhD CCC-SLP

Voice Science & Technology

VoceVista as Pedagogical Tool: Close Vowels in the High Voice of the 'Classical' Treble Singer Kelly Hijleh, GPD, BM

Voices of Summer Gala

Friday, June 2, 2023

6:00 Cocktails 7:00 Dinner, Awards, Entertainment, Dancing

Honoring



Tickets available online or at the registration desk.

FRIDAY, JUNE 2ND, 2023

6:45am New Investigator Research Forum Chair: Rita R. Patel, PhD The Director's Room

7:30am Registration Opens Independence Hall

Medical Session I-A (8:00am-9:50am) Concurrent

Chair: Peiyun Zhuang, MD The Westin Philadelphia Hotel Grand Ballroom, Salon I

- 8:00am Using Diffusion Tensor Imaging to Explore the Changes and Differences in the Microstructure of Canine Vocal Fold Scar Tissue Yang Yang, MA, Peiyun Zhuang, MD
- 8:10am Do-It-Yourself Voice Dosimeter Device: A Tutorial and Performance Results Pasquale Bottalico, PhD, Charles Nudelman, CCC-SLP
- 8:20am Three New Oral Airflow Measures for Voice Onset Time and the Following Vowel Mahdi Tahamtan, PhD, Ronald Scherer, PhD
- 8:30 AM Discussion
- 8:50am Reliability of Spatial Segmentation of High-Speed Videoendoscopy and its Temporal and Spatial Dependency Hamzeh Ghasemzadeh, PhD, Maria Powell, PhD, David Ford, PhD, Dimitar Deliyski, PhD
- 9:00am Vocal Fold Vibration Opening Onset Abnormality in Patients With Adduction Spasmodic Dysphonia by Using Laryngeal High-Speed Endoscopy *Xinlin Xu, MD*
- 9:10am Symptom Expression Across Voiced Phonemes in Adductor Laryngeal Dystonia Saul Frankford, PhD, Katherine Marks, PhD, Taylor Feaster, BA, Philip Doyle, PhD, Cara Stepp, PhD
- 9:20am Stroboscopic Laryngoscope Image Segmentation Based on Deep Learning Jinxing Zheng, MD, Luyao Tang, MD, Xinghao Ding, MD, Peiyun Zhuang, MD

9:30 AM Discussion

9:50am coffee break

Medical Session I-B (8:00am-9:50am) Concurrent

Chair: R.Eugenia Chávez, MD The Westin Philadelphia Hotel Grand Ballroom, Salon II

- 8:00am Smartphone Recordings Are Comparable to "Gold Standard" Recordings for Acoustic Measurements of Voice Shaheen Awan, PhD, Mohsin Shaikh, PhD, Jordan Awan, PhD,
 - Ibrahim Abdalla, BS, Kelvin Lim, MD, Stephanie Misono, MD
- 8:10am Assessment by Videostroboscopy of the Mucosal Wave and its Correlation with the Biomechanical Analisis Walter Tenesaca Pintado, MD, Isabel Cardoso Lopez, PhD, Roberto Fernandez Baíllo, PhD
- 8:20am Description of Voice Production Pattern in Reinke's Edema Based on Biomechanical Analysis Walter Tenesaca Pintado, MD, Isabel Cardoso Lopez, PhD, Roberto Fernandez Baíllo, PhD
- 8:30am The Impact of Industry Shutdowns and Reduced Vocal Demands During the COVID-19 Pandemic on Vocal Health of Professional Singers *Tyler Crosby, MD, Aaron Johnson, PhD, Paul Kwak, MD, Milan Amin, MD, Uche Ezeh, MS, Stratos Achlatis, MD*

840am Discussion

9:00am Medical, Surgical Treatment and Artistic Voice Rehabilitation in Allergological Pathologies

R.Eugenia Chávez, MD

9:10am The Effects of Room Acoustics on Self-Reported Vocal Fatigue: A Systematic Review

Charles Nudelman, CCC-SLP, Elisabeth Coster, BA, Mia Mangialardi, BS, Corrie Penrod, BS, Jacob Katsifarakis, BS, Lady Catherine Cantor-Cutiva, PhD, Pasquale Bottalico, PhD

- 9:20am Eustachian Tube Dysfunction in Singers and Actors Due to Allergic Rhinosinusitis *R. Eugenia Chávez, MD*
- 9:30am The Occurrence of Laryngeal Pathologies in a Treatment-seeking Pediatric Population Anke Adriaansen, SLP, Iris Meerschman, PhD, Kristiane Van Lierde, PhD, Evelien D'haeseleer, PhD
- 9:40am Discussion

9:50am coffee break

CoMeT Panel (10:10AM-11:00AM)

The Westin Philadelphia, Grand Ballroom

Artistic Voice Emergencies

Moderator: R. Eugenia Chavez, MD, PhD, President of CoMeT Panelists: Isabel Garcia-López, MD, PhD, Lisa Popeil, MFA, Reinaldo Yazaki, MD, Peak Woo, MD

Award Announcements (11:00AM-11:10AM)

Chair: Robert T. Sataloff, M.D. The Westin Philadelphia, Grand Ballroom

- 15th Annual Sataloff Young Investigators Award
- 23nd Annual David W. Brewer Award for Best Poster
- 17th Annual Journal of Voice Best Paper Awards
- 12th Annual Hamdan International Presentation Award
- 9th Annual Best Student Presentation Award
- 5th Spasmodic Dysphonia Research Award
- 4th Gisele Oliveira Award

AWARD INFORMATION ONLINE

THE VOICE FOUNDATION CAREER AWARD The Johan Sundberg-Ingo Titze Award

ANNUAL SYMPOSIUM RESEARCH AWARDS Sataloff Award for New Investigators (sponsored by Elsevier)

Hamdan Award for International Presenters (endowed by Abdul-latif Hamdan, MD)

NSDA Research Award (National Spasmodic Dysphonia Association and TVF, for related research)

Journal of Voice Best Paper Awards

Best Poster Awards: Judged by a wide range of senior researchers.

Hamdan Best Student Presentation (Sponsored by Abdul-latif Hamdan, MD)

Gisele Oliveira Award (Sponsored by Adam Rubin, MD)

ANNUAL SYMPOSIUM EDUCATIONAL OPPORTUNITY AWARD New Investigator Research Forum

GALA AWARDS

V.E.R.A. Award: Voice Education Research Awarness Raymond and Beverly Sackler Award for vocal excellence.

Wilbur James Gould Award: presented upon Board approval to honor outstanding supporters of The Voice Foundation activities.

Tony Randall Award: in honor of our beloved President Emeritus, Tony Randall.



'oMeT Collegium Medicorum Theatri

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

Chair: Robert T. Sataloff, M.D. **The Westin Philadelphia, Grand Ballroom** The Voice Foundation: Legacy of a Dream



Margaret Baroody, MM

Margaret Baroody is a highly respected singing teacher and Singing Voice Specialist with over 45 years experience in these areas of voice. She is on the voice faculty of The Peabody Conservatory of the Johns Hopkins University where she also teaches the first year graduate level Voice Pedagogy class.

Ms. Baroody maintains a busy private voice studio. Her students have sung in the world's major opera houses as well as being accepted into summer training programs as young artists and winning numerous awards and competitions.

Ms. Baroody was a senior voice clinician in the voice medicine practice of Drs. Robert T. Sataloff and Karen Lyons in Philadelphia, Pennsylvania for 29 years. Widely recognized for her work with injured voices, Ms. Baroody is in demand nationally as well as

internationally as a lecturer on issues of vocal health. She has written frequently on the subject of singing, particularly with regard to the injured voice, the aging voice and vocal health. She is the author of over 25 published articles on voice. She is also a contributing author to numerous articles and books including *Vocal Health and Pedagogy, Professional Voice: The Science and Art of Clinical Care* and others. Ms. Baroody has demonstrated her commitment to the vocal health and training of the professional voice community with the presentation of numerous in-service programs. She continues to work with injured voices in her private practice.

Ms. Baroody is a professional mezzo-soprano with extensive performance experience in opera, oratorio and recital. She received her undergraduate degree in vocal performance from Converse College in Spartanburg, S.C., her master of music from the Philadelphia College of the Performing Arts and she was a four-year scholarship student at the prestigious Academy of Vocal Arts in Philadelphia.

ANNUAL SYMPOSIUM LECTURES

The Voice Foundation is proud to offer the following awards of excellence and to honor those who have contributed significantly to the field of voice.

Quintana Award: recognizing those who design or utilize technology and apply engineering principles that provide further understanding of the voice.

G. Paul Moore Lecture: Named in honor of Dr. Moore, this lectureship was created to provide an opportunity for people of stature in the field to share their philosophical and historical perspectives on voice and to provide an overview of their particular areas of interest.

12pm Lunch Break (on your own)

12pm Meeting of the Voice Laboratory Representatives Georgian Room

Meeting of The Voice Foundation Chapters The Director's Room

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

	Chair: Iris Meerschman, PhD The Westin Philadelphia Hotel Grand Ballroom, Salon I
1:00pm	Pitch Ceiling Extension as a Function of Semi-Occluded Vocal Tract Exercise (SOVTE): The Role of The Vocal Ligament Spencer Todd, MS, Amanda Stark, PhD, Lynn Maxfield, PhD, Ingo Titze, PhD, M.S.E.E
1:10pm	Effects of Water Resistance Voice Therapy in Face-to-Face and Distance Modalities: Preliminary Results of Vocal Economy Parameters in Dysphonic Women Kelly Silverio, PhD, Angelica Antonetti, MD, Anados Santos, MD, Daniela Hencke, CCC-SLP, Jhonatan Vitor, MD, Deborah Ferrari, PhD, Alcione Brasolotto, PhD
1:20pm	Immediate Effects of Straw Phonation in Air or Water on the Laryngeal Function and Configuration of Female Speech-Language Pathology Students Visualized with Strobovideolaryngoscopy: a Randomized Controlled Trial Iris Meerschman, PhD, Evelien D'haeseleer, PhD, Imke Kissel, SLP, Casper De Vriese, MD, Peter Tomassen, MD, Frederick Dochy, MD, Kaat Pieters, SLP, Sofie Claeys, MD, Robert Sataloff, MD, Kristiane Van Lierde, PhD
1:30pm	A Human-Centered Design Approach to SOVTE Straw Phonation Instruction Sandeep Bhatt, MS, Leda Scearce, MM, Dennis Frank-Ito, PhD, Tara Nixon, MM, Kelly Umstead, MS
1:40pm	Information Matrix Using Evidence Mapping of Tasks for Acoustic Analysis of Voice Dhanshree R Gunjawate, PhD, Duy-Duong Nguyen, MD, Catherine Madill, PhD
1:50pm	Discussion
2:00pm	Does Background Noise Affect Vocal Effort in Bilingual Speakers? Carlos Calvache Mora, SLP, Lady Catherine Cantor Cutiva, PhD, Eric Hunter, PhD
2:10pm	Introducing the Perceptual Voice Qualities Database (PVQD) Patrick Walden, PhD
2:20pm	Which Voice Parameters Differentiate Pathology Types in The Perceptual Voice Quality Database? Sai Aishwarya Ramani, SLP, Patrick Walden, PhD, Lady Catherine Cantor Cutiva, PhD, Eric Hunter, PhD
2:30pm	Different Performances of Machine Learning Models to Classify Dysphonic and Non-Dysphonic Voices Leonardo Lopes, PhD, Ronei Moraes, PhD, Danilo Leite, PhD
2:40pm	Spectrographic Voice Analysis Protocol - SVAP: Convergent, Discriminant, and Predictive Validity Leonardo Lopes, PhD, Allan Silva, SLP, Anna Almeida, PhD, Vanessa Ribeiro, PhD, Luiz Medeiros, PhD
2:50pm	Discussion

3pm Break

Speech-Language Pathology I-A, cont. (3:30pm-5:10pm) Concurrent Session

Co-Chairs: Mara Behlau, PhD, Debra Jean Phyland, PhD The Westin Philadelphia Hotel Grand Ballroom, Salon I

3:30pm Formant-Aware Spectral Correlates of Pathological Breathy Voice Quality

Takeshi Ikuma, PhD, Andrew McWhorter, MD, Melda Kunduk, PhD

- 3:40pm Variability in Self-Perception of Voice Parameters across the Gender Spectrum Brett Myers, PhD, Jenny Pierce, PhD, Pamela Mathy, PhD
- 3:50pm Auditory Perceptual and Acoustic Analysis of Gender Expression in Voice Diego Martinho, SLP, Eric Dias, SLP, Ana Constantini, PhD
- 4:00pm Discussion
- 4:10pm Design and Creation of the Fluid Interval Test for Voice (FIT-V): A Novel Vocal Demand Task Christopher Apfelbach, CCC-SLP, Mary Sandage, PhD, Katherine Verdolini Abbott, PhD
- 4:20pm Clinical Application of Relative Fundamental Frequency: A Comparison Between People with Muscle Tension Voice Disorder & Neurological Voice Disorder

Catherine Madill, PhD, Kashfa Nooram, SLP, Duy Nguyen, MD

- 4:30pm Comparison of Forced vs. Expiratory Vital Capacity: Similarities and Differences Shaheen Awan, PhD, Jordan Awan, PhD, David Eddins, PhD
- 4:40pm Effect of a Facemask on Voice Quality Among Elderly Individuals Manwa Ng, PhD, Feiyun Jiang, Yuting Song, Yang Chen, PhD

4:50pm Are Occupational Voice Disorders Accurately Measured? A Systematic Review of Prevalence and Methodologies in Schoolteachers to Report Voice Disorders. *Mauricio Gonzalez, SLP, Patricia Oyarzún, SLP, Hugo Segura, SLP, Sandra Rojas, PhD*

5:00pm Discussion

5:10-6:10pm Dinner Break (on your own)

"TVF has been instrumental in developing interaction and communication and for want of a better term, friendships, among the educators around the world who have an interest in voice."

~ Harvey Tucker, *Broadening the Circle*

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

Chair: Rosemary Lester-Smith, PhD The Westin Philadelphia Hotel Grand Ballroom, Salon II

1:00pm	Breath Manipulation's Effect on Emotional and Cognitive Processing in Voice Therapy <i>Kiley Hazelton, MM, Miriam van Mersbergen, PhD</i>
1:10pm	Breathy Voice as a Compensatory Strategy for Essential Vocal Tremor: A Single Case Experiment Across Participants Nayanika Ghosh, MS, Rosemary Lester-Smith, PhD
1:20pm	Experiences of Patients with Unilateral Vocal Fold Paralysis: a Qualitative Study of the Insider's Perspective Imke Kissel, SLP, Iris Meerschman, PhD, Evelien D'haeseleer, PhD, Kristiane Van Lierde, PhD
1:30pm	Investigation of the Efficacy of an Integrative Treatment Method for Chronic Cough Natalie Garvin, BM, Renee Gottliebson, PhD, Susan Brehm, PhD, Donna Scarborough, PhD, Daniel Croake, PhD
1:40pm	Effectiveness of Therapy Program for Management of Chronic Cough in Chronic Refractory Cough Rodrigo Dornelas, PhD, Vanessa RIbeiro, PhD, Mara Behlau, PhD
1:50pm	Discussion
2:00pm	Voice Injury in Performers: A Survey Study of Performers' Perceptions of Treatment Outcomes and Vocal Function <i>Christine Murphy Estes, CCC-SLP, Amanda Flynn, MM, Lucian Sulica, MD</i>
2:10pm	Relationship Between Dysphonia Risk and Vocal Performance in Theater Actors João Marcos Duarte, MD, Marcia Simões-Zenari, PhD, Katia Nemr, PhD
2:20pm	Student Teachers and Voice. Is This an Exposure-Outcome Relation? Results From a Multicentric Multilanguage Study Lady Catherine Cantor-Cutiva, PhD, Iara Bittante, SLP, Maria del Carmen Dalmasso, SLP, Adriana Diaz, SLP, Maria Celina Malebrán, SLP, Carlos Manzano, MD, Leslie Piccolotto, SLP, Jessica Ramonda, SLP, Maria Lucia van Masson, PhD, Eric Hunter, PhD
2:30pm	Self-concepts and other Knowledge about Teachers' Voice: a Qualitative Research Project. Adrián Castillo-Allendes, SLP, Alicia McIntire, BA, Lady Catherine Cantor- Cutiva, PhD, Kenneth J. Levine, PhD, Eric Hunter, PhD
2:40pm	Knowledge, Attitude and Practice on Dysphonia and Voice Care in Student Teachers <i>Thomas Law, PhD, Chilam Wang, BA</i>

2:50pm Discussion

SATURDAY, JUNE 3RD, 2023 Agenda

3pm Break

Speech-Language Pathology I-B, cont. (3:30pm-5:10pm) Salon II - Concurrent Session

Chair: Kristiane Van Lierde, PhD The Westin Philadelphia Hotel Grand Ballroom, Salon II

- 3:30pm The Effect of Classroom and Online Training of Auditory Perceptual Voice Evaluation in Student Listeners Anneleis Labaere, SLP, MSc, Marc De Bodt, PhD, MSc, Gwen Van Nuffelen, PhD, MSc
- 3:40pm EASE-NL: Cross-Cultural Adaptation and Validation of the Dutch Version of the Evaluation of Ability to Sing Easily Evelien D'haeseleer, PhD, Clara Leyns, SLP, Iris Meerschman, PhD, Julie Thyssen, SLP, Fee Dewaele, SLP, Kristiane Van Lierde, PhD
- 3:50pm Differential Treatment Approaches in Theamelioration of Vocal Fatigue Chaya Nanjundeswaran, PhD, Jessie Van Swearingen, PhD

4:00pm Discussion

- 4:10pm A Systematic Investigation of Loudness as a Vocal Demand Ingredient in Monitoring Vocal Cover Fatigue *Chaya Nanjundeswaran, PhD, Loren Vermillion*
- 4:20pm Understanding the Ecological Significance in Voice Therapy through the Use of Acoustic Simulation and Eye-Tracking Technology *Keiko Ishikawa, PhD, Hannah Li, SLP, Elisabeth Coster, BM, Diana Orbelo, PhD, Pasquale Bottalico, PhD*
- 4:30pm Voicing's Effect on Emotional Processing. Josh Hyde, BA, Miriam van Mersbergen, PhD
- 4:40pm The Relationship Between Auditory-Perceptual Parameters and Some Acoustic Measures in Instructed Laryngeal Manipulations *Catherine Madill, PhD, Antonia Chacon, SLP, Duy-Duong Nguyen, MD*
- 4:50pm Effects of Instructed Laryngeal Manipulation on Vocal Rise Time Catherine Madill, PhD, Mingxuan (Sophie) Bi, SLP, Duy-Duong Nguyen, MD

5:00pm Discussion

5:10-6:10pm Dinner Break (on your own)

"It's the ability of the voice, spoken or sung, to communicate, stir our emotions, intoxicate and inspire, and even heal us that moves TVF members to continue the quest to understand how it works and to be able to help and heal the voice in return."

~ Maria Russo, Broadening the Circle

CONGRATULATIONS BEST PAPERS

The Editorial Board of the Journal of Voice is proud to announce the 2022 Best Paper Awards Access to these articles is gratis for the next six months at <u>jvoice.org</u>

Basic Science: Vocal Fold Collision Speed in vivo: The Effect of Loudness Philippe Henri DeJonckere, Jean Lebacq

Clinical Medicine: The Poor Validity of Asymmetric Laryngoscopic Findings in Predicting Laterality in Vocal Fold Paresis.

Sungjin A. Song, Alena Santeerapharp, Ghiath Alnouri, Jin Park, Robert T. Sataloff and Ramon A. Franco, Jr

Speech Language Pathology: Use of a Vortex Whistle for Measures of Respiratory Capacity Shaheen N. Awan, Jordan A. Awan

Voice Pedagogy: Perceptual Measures of Boychoir Voices During the Phases of Pubertal Voice Mutation.

Barbara Weinrich, Susan Baker Brehm, Wendy LeBorgne, Christopher Eanes, Stephanie Zacharias, Janet Beckmeyer, Michael Hughes and Alessandro de Alarcon



11th ESTILL WORLD VOICE SYMPOSIUM

Join us for a global gathering of leaders in voice training & rehabilitation this August 2-4, in Vienna, Austria.



CARE OF THE PROFESSIONAL VOICE 2023

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FURDAY, JUNE 3RD, 2023

AGENDA

SLP II-A (6:20-7:20pm) Concurrent session

Chair: Susan Brehm, PhD The Westin Philadelphia Hotel Grand Ballroom, Salon I

6:20pm Reliability of Judgments of Pediatric Dysphonia Using Visual Sort and Randand Magnitude Estimation Supraja Anand, PhD, Yeonggwang Park, PhD, Susan Brehm, PhD,

Lisa Kelchner, PhD, Barbara Weinrich, PhD, Kevin McElfresh, CCC-SLP, Rahul Shrivastav, PhD, Alessandro de Alarcon, MD, David Eddins, PhD

- 6:30pm Patterns of Neural Activity Associated With Production and Perception of Emotional Voices. An fMRI Pilot Study *Gláucia Laís Salomão, PhD*
- 6:40pm CVT-Voice Therapy as a Novel Intervention for Rehabilitation of Laryngeal-Phonatory Dysfunction in Brain-Injury Patients – an Exploratory Retrospective Study Mathias Aaen, PhD, Cathrine Sadolin, Noor Christoph, PhD, Alies Rose, Julian McGlashan, MSc
- 6:50pm Investigation of the Validity of the Cepstral Acoustic Analysis for Voice Disorders in the Turkish-Speaking Adults Önal İncebay, PhD, Fatma Aydınlı, PhD, Ayşen Köse, PhD, Merve Gürsoy, PhD, Taner Yılmaz, MD

7:00pm Discussion

SLP II-B (6:20-7:20pm) Concurrent session

Chair: Claudio Milstein, PhD The Westin Philadelphia Hotel Grand Ballroom, Salon II

- 6:20pm Effect of Phonation Type of Maximum Phonation Time Filipa La, PhD, Mauro Fiuza, MS, Ana Ramírez, MS, Johan Sundberg, PhD
- 6:30pm An Analysis of AVQI and Auditory-Perceptual Assessments of Voice in Speakers with Parkinson's Disease Rachel Convey, CCC-SLP, Anne-Maria Laukkanen, PhD, Nelly Penttilä, PhD
- 6:40pm Effects on Vocal Function of Thyroidectomy a Qualitative and Quantitative Study Using Voice Maps Huanchen Cai, MA, Sten Ternström, PhD, Nathalie Henrich, PhD, Philippe Chaffanjon, PhD
- 6:50pm Long Term Outcomes of Respiratory Retraining Therapy for Exercise Induced Laryngeal Obstruction *Claudio Milstein, PhD, Derek Vos, BS*
- 7:00pm Identification of Breathing Pattern Disorder in Athletes with Exercise-Induced Laryngeal Obstruction: A Novel Assessment Tool *Claudio Milstein, PhD, Rita Patel, PhD, Matthew Kampert, MD, Emma Laurash, SLP*
- 7:10pm Discussion

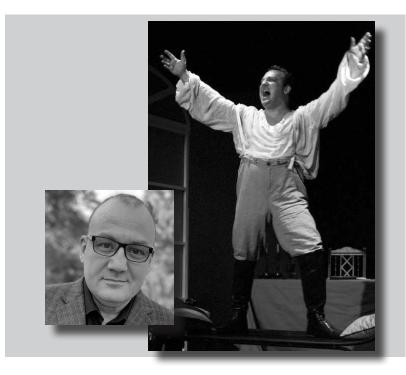
Master Class (7:30pm-8:45pm) The Westin Philadelphia Hotel Grand Ballroom, Salon I Reception Following - All are welcome

Tenor, Gioacchino (Jack) Lauro Li Vigni,

a skilled and heartfelt performer, was trained by his father, celebrated tenor Salvatore Li Vigni, and coached by extraordinary singers like Carlo Bergonzi, Franco Corelli, Arrigo Pola, and most recently – Salvatore Fisichella. Gioacchino performed internationally, including at the Metropolitan Opera of New York, Frankfurt Oper, Beijing Opera, De Nederlandse Opera, Marseille Opera, Chicago Opera, etc.

Gioacchino is a voice instructor for the prestigious Jette Parker Young Artists Program at Royal Opera House Covent Garden in London. He is also on faculty at Curtis Institute of Music in Philadelphia and Brooklyn College CUNY. He trains many leading vocalists singing on every major operatic stage, and recording for major record labels. His students have been recent winners and finalists of major competitions like Operalia, Cardiff Singer of the World, and the Francisco Viñas, as well as being part of young artists programs like that of Covent Garden, Bayerische Staatsoper, Deutsche Oper, Komische Oper, Theater an der Wien, Oper Frankfurt, and Stuttgart.

Gioacchino is a frequent masterclass instructor, having worked with singers in places like ROH Covent Garden, Rice University, etc., and has endeavored to create a strong platform for the development of young artists with Mediterranean Opera Studio & Festival in Sicily, which he founded and of which he is the General Director.



CARE OF THE PROFESSIONAL VOICE 2023

6:30am	NATS Voice Science Advisory Committee The Director's Room
7:30am	Registration Opens Independence Hall
	Medical Session II-A (8:00am–10:30am) Concurrent Session
	Chair: Abdul-Latif Hamdan, MD The Westin Philadelphia Hotel Grand Ballroom, Salon I
8:00am	Postoperative Voice Surgical Outcomes in Professional Singers Versus Non- Singers
	Alexander Barna, BS, Parastou Azadeh Ranjbar, MS, Bailey Balouch, BS, Ghiath Alnouri, MD, Ahmad Issa Al Omari, MD, Vishnu Martha, MD, Robert Sataloff, MD
8:10am	Silk-Hyaluronic Acid Vocal Fold Augmentation for Non-Paralytic Glottic Insufficiency: Outcomes and Comparison with Autologous Fat Augmentation. Samantha Kridgen, CCC-SLP, Douglas Roth, CCC-SLP, Jennifer Winston, CCC-SLP, Simon Chiang, BS, Thomas Carroll, MD
8:20am	Safety and Efficacy of Outpatient Type 1 Thyroplasty Using Gore-Tex for Mobile Vocal Folds Camryn Marshall, BS, Jacob Kuzy, BS, Tanner Lyons, DO, Daniel Eichorn, DO, Samual Bosco, DO, Ghiath Alnouri, MD, Robert Sataloff, MD
8:30am	Silk-Hyaluronic Acid Vocal Fold Augmentation: One Year and Beyond Samantha Kridgen, CCC-SLP, Douglas Roth, CCC-SLP, Jennifer Winston, CCC-SLP, Simon Chiang, BS, Thomas Carroll, MD
8:40am	Acoustic-Aerodynamic Voice Outcome Ratios Identify Changes in Vocal Function Following Vocal Fold Medialization for Unilateral Vocal Fold Paralysis Laura Toles, PhD, Price Bullock, BS, Robert Hillman, PhD, Daryush Mehta, PhD
8:50am	Positioning of the Patient During Office Based Laryngeal Surgeries with Regard to the Intraprocedural Haemodynamic Stability, Safety and the Ease of the Technique A Retrospective Study <i>Phaniendra Valluri, MS</i>
9:00am	Discussion
9:10am	A Multicenter Randomized Controlled Trial of Awake Transnasal Laser-Assisted Surgery (TNLS) vs Microlaryngeal Surgery (MLS) for Benign Laryngeal Lesions: Clinical Outcomes and Cost-Effective Analysis Aurora Tam, MBBS, Thomas Law, PhD, Natalie Leung, MBBS, John Lee, MBBS, Yifeng Wei, SLP, Yunyi Hu, SLP, Jason Chan, MBBS
9:20am	Blue Laser Therapy for Dyspnea in Patients with Type 3 Reinke's Edema Abdul-Latif Hamdan, MD, Anthony Ghanem, MD, Patrick Abou Raji Feghali, MD, Jad Hosri, MD
9:30am	Posterior Glottoplasty: A Microlaryngeal Functional Approach For Bilateral Vocal Fold Paralysis Ilter Denizoglu, MD, Engin Baser, MD
9:40am	Discussion

SUNDAY, JUNE 4TH, 2023

SUNDAY, JUNE 4TH, 2023

Medical Session II-A, cont. (8:00am-10:30am) **Concurrent Session**

Arytenoid Abduction For Bilateral Vocal Fold Paralysis 9:50am Isabel Garcia-Lopez, MD, Ricardo Bernaldez-Millan, MD, Teresa Rivera-Schmitz, MD, Carolina Ogen-Morado, SLP, Javier Gavilan, MD

10:00am The Use of Laryngeal Electromyography to Determine Surgical Success Following Anastomosis and Implantation Reinnervation Surgeries for Vocal Fold Paralysis: A Systematic Review Camrun Marshall, BS, Divua Balchander, BS, Ghiath Alnouri, MD,

Robert Sataloff, MD

- 10:10am Treatment of Laryngeal and Tracheal Stenosis: Cooperative Treatment with our Pulmonary Interventionalist Colleagues Denis Lafreniere, MD, Omar Ibrahim, MD, Erin Mulry, MD
- 10:20am Discussion

10:30am Break

Medical Session II-B, (8:00am–10:30am) **Concurrent Session**

Chair: Isabel García López, MD The Westin Philadelphia Hotel Grand Ballroom, Salon II

Comparisons of Reported Quality of Life as measured by the VH1-10 and 8:00am Diagnosis of Vocal Fold Paresis Among Singers, Music Educators, and Other Professional Voice Users.

Valerie Trollinger, MM, Ghiath Alnouri, MD, Robert Sataloff, MD

- 8:10am Recognition of the Effect of Vocal Exercises by Fuzzy Triangular Naive Bayes, a Machine Learning Classifier: A Preliminary Analysis Leonardo Lopes, PhD, Ronei Moraes, PhD, Émile Rocha SantanaSLP
- Larvngeal Dystonia, Dystonic Tremor and Vocal Tremor: Three Different 8:20am Entities. João Viana Pinto, MD, Isabel García López, MD
- 8:30am Profile of an Aging Population Seen in a Tertiary Laryngology Clinic of Canada Antonia Lagos-Villaseca, MD, Deema Almutawa, MD, Lisa Martignetti, SLP. Monirah Albathi. MD. Maia Masuda. SLP. Nicole Li-Jessen. PhD. Karen Kost. MD
- Characterization of Laryngopharyngeal Reflux in the Elderly Population 8:40am Jacob Kuzy, BS, Camryn Marshall, BS, Parastou Azadeh, BS, Ghiath Alnouri, MD, Robert Sataloff, MD
- 8:50am Meta-analysis of PPI Combined with Alginate Compared with PPI Alone for GERD Xinyue Xu, MA, Peiyun Zhuang, MD
- 9:00am Discussion

SUNDAY, JUNE 4TH, 2023

Medical Session II-B, cont. (8:00am–10:30am) Concurrent Session

9:10am	Associated Risk Factors for Presbylarynx in the Geriatric Laryngology Population. <i>Philip Maxwell, BS, Parastou Ranjbar, BS, Vibhuti Mishra, BS,</i> <i>Ghiath Alnouri, MD, Karen Lyons, MD, Hassan Pakhnezad, MD,</i> <i>Robert Sataloff, MD</i>
9:20am	Nodule Approximation in a Triangular Shaped Vocal Fold Model Jesús Parra, BS, Gabriel Alzamendi, PhD, Matias Zañartu, PhD
9:30am	Misdiagnosis of Vocal Fold Nodules Camryn Marshall, BS, Ghiath Alnouri, MD, Robert Sataloff, MD
9:40am	Discussion
9:50am	Platelet Rich Plasma Injection in Treatment of Recalcitrant Vocal Fold Nodules: a New Indication? <i>Peak Woo, MD</i>
10:00am	Association of Acoustic, Aerodynamic and Electroglottographic Measures with S-VHI and VHI Among Classical Singers vs Non-Classical Singers Carlos Manzano, MD, Lady Catherine Cantor Cutiva, PhD, Eric J.Hunter, PhD
10:10am	The Use of Pectine: a Longitudinal Study in Order to Understand the Vocal Lubrication to Improve the Vocal Function María Borragan, PhD, Alfonso Borragan Torre, PhD, Andrea Ricci- Maccarini, MD, Marco Fantini, MD, Dario Strangis, SLP, Diego Cossu,MD, Valentina Camesasca, MD, Andrea Bianchino, MA

10:20am Discussion

10:30am Break

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ASGO Panel (11:00am-12:00pm)

The Voice and Aging: A Case-based Discussion

Chair: Karen Kost, MD Panel: Amy Rutt, DO, Amanda Gillespie, PhD, Denis Lafreniere, MD, Peak Woo, MD



American Society *of* Geriatric Otolaryngology

12pm-1pm Lunch Break

12pm-1pm Symposium Planning Committee (TBD) NATS Informal Luncheon (TBD)

Voice Pedagogy A (1pm-4:30pm) Concurrent Session

Chair: Edrie Means Weekly, MM The Westin Philadelphia Hotel Grand Ballroom, Salon I

1:00pm	The Lombard Effect and the Result of Changing CCM Background Accompaniment Loudness Adia Fox, BM, Blake Mitchell, BM, Katie Burnham, MM, David Meyer, DM
1:10pm	An Acoustic Examination of a Unique Musical/Phonatory Behavior: Cantos de trabajo del llano <i>Diana Restrepo-Fogarassy, MM, David Meyer, DM</i>
1:20pm	Singing AlongA Further Exploration of Vocal Maintenance of Singers on National Broadway Tours <i>Christianne Roll, EdD, Jeanne Goffi-Fynn, EdD</i>
1:30pm	Contemporary Commercial Music (CCM) Voice Pedagogy: It's About Function and Style <i>Marisa Naismith, PhD</i>
1:40pm	Elite Singers Speech and Singing Voice Type - A Correlational Study Shaofeng Zheng, MA, Kevin Rose, MM, Christian Herbst, PhD, David Meyer, DM
1:50pm	Discussion

Voice Pedagogy A, cont. (1pm-4:30pm) Concurrent Session

2:00pm	Effect of Body Type on the Respiratory Kinematics of Female Classical Singers Natalie Baker, BM, John Nix, MM
2:10pm	Effects of Bra Band Tension on Respiration for Singing Kayla Gautereaux, MM, Lauren Guthridge, MM
2:20pm	The Effect of Menstruation on the Upper Vocal Registers of Female Voices Blythe Reed-Banks, MM
2:30pm	A Perceptual Study of How Voice Use Changes During and Post-Pregnancy Among Singers as Mothers and Teachers Jeanne Goffi-Fynn, MM
2:40pm	Impact of Vibrato on CPPS in Tenors Joseph Evans, MM, Monica McHenry, PhD
2:50pm	Discussion
3:00pm	Post-acute Sequelae and Symptomatology of SARS-CoV-2 Infection Survey Among Professional and Amateur Voice Users <i>Edrie Means Weekly, MM, Marquita Lister, MM</i>
3:10pm	Objective Reporting of Student Warm Up and Repertory Practice Habits: A Pilot Study
	Jennifer Burks, MM, Lauren Guthridge, MM, Joshua Gilbert, MM, Ian Howell, DMA
3:20pm	The Ups and Downs of Choral Warm-Ups: Effects of Initial Ascending or Descending Vocalizes
	Sheri Cook-Cunningham, PhD, Melissa Grady, PhD
3:30pm	The Effect of Movement Conditions on High School Choir Acoustic and Perceptual Performance
	Madeline Yankell, BS, Jeremy Manternach, PhD
3:40pm	Singing in Different Performance Spaces: Associations Between Room Acoustic and Singers Perception
	Yvonne Redman, BM, Pasquale Bottalico, PhD, Joshua Glasner, PhD, Dario D'Orazio, PhD
3:50pm	Discussion
4:00pm	The Effects of Small and Large Group-Voice Instruction on University Student Perceptions: A Longitudinal, Mixed-Methods Study Amelia Rollings Bigler, PhD
4:10pm	Developing An Actor-Centered Approach: Collaborative Professional Voice Labs for Graduate Students in Speech-Language Pathology and Acting <i>Katie Cunningham, MFA, Sri Nandamudi, PhD</i>
4:20pm	Discussion

Voice Pedagogy B, (1pm-4:20pm) Concurrent Session

Chair: David Meyer, DM The Westin Philadelphia Hotel Grand Ballroom, Salon II

1:00pm	Singing as TMD Therapy & TMD in Trained Singers: Analysis of Articulatory Kinematics, Muscle Tension, and Vibrato Quality In Singers & Non-Singers Theodora Nestorova, MM, Elizabeth Zimmermann, PhD, Carolina Meloto, MD, John Mac Master, BA, Svetlana Komarova, PhD, Isabelle Cossette, DMA	,
1:10pm	Consistent Third Register Formant Tuning Strategies of Classically Trained Operatic Male Singers David Okerlund, MM	
1:20pm	An Acoustics-Informed Approach to Lyric Diction: Using Voce Vista to Enhance Learning Outcomes Dana Zenobi, DMA	
1:30pm	"Belting as High as They Can:" The Evolution of Female Musical Theatre "Money Notes" <i>Warren Freeman, MD</i>	
1:40pm	The Impacts of Cognitive Load on Acoustic Qualities of the Singing Voice: A Perceptual Study Lauren Guthridge, MM, Kayla Gautereaux, MM	
1:50pm	Discussion	
2:00pm	Quantifying Talk-Time in Singing Instruction: an Automated Method Shanshan Zhang, MM, Christian Herbst, PhD, Katrina Miller, CCC-SLP, David Meyer, DM	TGEN DA
2:10pm	The Influence of Seeing on Singing using Immersive Virtual Reality Ümit Daşdöğen, PhD, Katherine Verdolini Abbott, PhD, Pasquale Bottalico, PhD, Noel Archambeault, DMA, Garrett Thomas, BA	1
2:20pm	Anatomically-Correct Simulation for Voice Science and Pedagogy: a Virtual Reality Experiment David Meyer, DM, Mohammad Obeid, PhD	
2:30pm	Acoustic Analysis of Alexander Technique Intervention: A Longitudinal Case Study Michele Capalbo, MA, Joshua Glasner, PhD	

2:40pm Comparative Analysis of Intrinsic Muscle Activation of the Larynx Using the EMG Decomposition Method in Different Phonatory Tasks. A Preliminary Study Josue Martinez, MSc, Matias Zañartu, PhD

2:50pm Discussion

- 3:00pm A Lifelong Joy: Elderly Africanamericans, Singing and Cessation Carolyn Sebron, MM, Hakeem Leonard, PhD, Brenda Jo Smith, DMA, Stephanie Standerfer, PhD, David Meyer, DM
- 3:10pm Convergences in the Articulatory Settings of Bulgarian, Russian, and English: Bulgarian Lyric Diction as an Accessible Gateway to Singing in Cyrillic Theodora Nestorova, MM, Jamie Dahman, DMA, Yifan Huang, BA
- 3:20pm Voice Assessments in a Collegiate Setting: Selected Results over a Seven-year Period *Kathy Price, PhD, Felicia Betts, BM, Minh-Vy Duong, BM*

Voice Pedagogy B, cont. (1pm-4:20pm) Concurrent Session

3:30pm The Musician's Acceptance and Action Questionnaire (MAAQ): A New Tool for Measuring Psychological Flexibility as it relates to Music Performance Anxiety in Student and Professional Singers Dana Zenobi, DMA, David Juncos, PsyD, Joanna Roman, MA, Margaret Osborne, PhD

3:40pm The Effect of Humming Tasks on Psychophysiological Markers of Anxiety Within the Applied Voice Lesson Marita Stryker, MM, Kristianna Dilworth, BM, Katherine Verdolini Abbott, PhD, David Meyer, DM

3:50pm Discussion

- 4:00pm Effects of Music Preference on Practice Time and Memory Retention Elza Ann Manoj, MFA, Kayla Gautereaux, MM, Josh Gilbert, BM
- 4:10pm Discussion

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Janet Madelle Feindel, MFA, Full Professor at Carnegie Mellon University and author of The Thought Propels the Sound (Plural Publishing) is a certified Alexander Technique Teacher and Fitzmaurice Voice Associate & Designated Linklater Voice Teacher.

Diane Gaary, MFA, BA, is an Alexander Teacher, Voice and Speech Trainer, and Feldenkrais Practitioner[™]. She teaches at Temple University, Arcadia University, and Westminster Choir College, and maintains private studios in Philadelphia and New York City. Available for ZOOM coachings.

Michelle Horman (Eugene) is a speech pathologist and singing voice specialist with over 20 years' experience in voice therapy. She is also a professional actress and member of Actors Equity and SAG-AF-TRA. Michelle has an MFA in Classical Acting and is a performance coach for actors and singers.

Brock I. Meadath, MA, CCC-SLP is a speech-language pathologist, singer, and actor. He is a graduate of Temple University and University of Iowa, artistic director for Brockin' Out Cancer, and is in the process of opening a private voice and speech clinic.

Nancy Pearl Solomon, PhD, CCC-SLP, Research Speech-Language Pathologist Walter Reed National Military Medical Center, and Professor, Department of Surgery Uniformed Services University of the Health Sciences, Bethesda, MD

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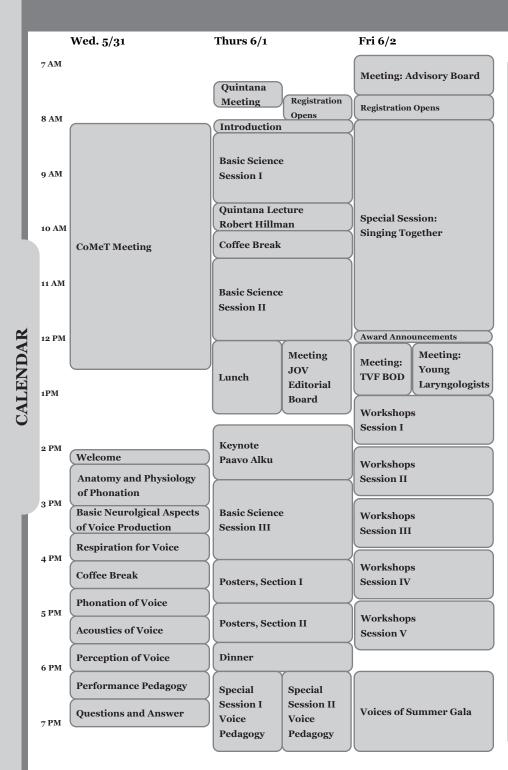
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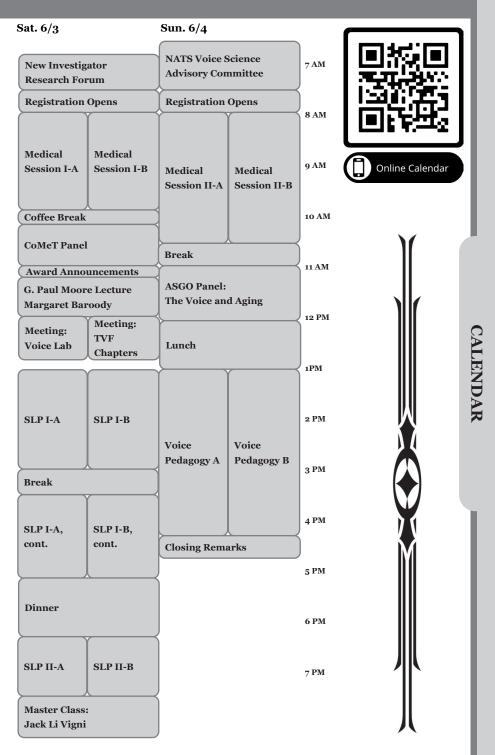
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CARE OF THE PROFESSIONAL VOICE 2023

Meetings

Thursday, June 1

Quintana Award Committee 7:20 - 8:10am The Board Room

Journal of Voice Editorial Board 12:00 - 1:00pm The Georgian Room

Presentation Outreach Committee 12:00 - 1:00pm The Board Room

Friday, June 2

TVF Advisory Board 6:45 - 8:00am The Directors Room

TVF Board of Directors 12:15 - 1:30pm The Board Room

Young Laryngologists 12:15 - 1:45pm The Directors Room

Saturday, June 3

New Investigator Research Forum 6:45 - 7:50am The Board Room

Voice Laboratory Representatives 12:00 -1:00pm The Georgian Room

Voice Foundation Local Chapters 12:00 -1:00pm The Directors Room

Sunday, June 4

NATS Voice Science Advisory Committee 6:30-8:00am The Director's Room

Symposium Planning Committee 12:00 -1:00pm TBD

NATS Informal Luncheon (TBD)

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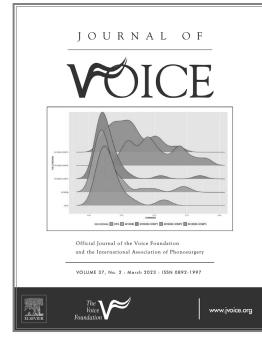
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Wilbur James Gould Award

Anna Moffo Sarnoff 1996 Sadanand Singh, PhD 2001

Eli Wallach 2008

Helen Haves 1988

Jessica Tandy 1991

C. Everett Koop 1992

Nancy Snyderman, MD 1999

Jack Klugman 1995

Patti LuPone 1998

Celeste Holm 2000

Walter Cronkite 1989

James Earl Jones 1990

Robert T. Sataloff 2007

Tony Randall Award

Dzr. Stuart Orsher 2015

Kathleen Turner 2023

Stuart Orsher 2019

Raymond and Beverly Sackler Award

Anna Moffo Sarnoff 2001 Terry Gross 2002 Tony Randall 2003 Justice Sandra Schultz Newman 2007 Bobby Rydell 2011 Danny Aiello 2012 Michael Sheehan 2012 Anthony Lacuria 2013

Renata Scotto 2003

Bootsv Collins 2014 Joel Grey 2015 Stacy Keach 2015 Paulo Szot 2016 Chita Rivera 2016 Tommy Tune 2017 Cicely Tyson 2019

Voice Education Research Award, V.E.R.A.

Constantine Papadakis 2003

Geraldine Dietz Fox 1990 Enrico Manca 1991 Anthony Quinn 1993 Dan Rather 1993 Anna Moffo Sarnoff 1993 Adele Warden Paxson 1993 Dan Rather 1993 John R. Stafford 1994 Anthony Quinn 1994 Alan King 1994 Phyllis Curtin 1994 Hans von Leden 1994 Rotan E. Lee 1994 David W. Brewer MD 1995 Malcolm Poindexter 1995 Brian McDonough MD 1996 Licia Albanese 1997 Berle Schiller 1997 Leon Fassler 1998 Sherrill Milnes 1998 Grace Bumbry 1999 Matina Horner 1999 George Shirlev 1999 David Bradley 2000 Richard Leech 2000 Jack Klugman 2001 Dame Julie Andrews 2002 Samuel Katz 2002

Robert Driver 2004 Aprile Millo 2004 Teddy Pendergrass 2004 James Gerlach 2005 Giorgio Tozzi 2005 Shirlev Verrett 2005 Martina Arroyo 2006 Richard Miller, PhD 2006 Ben Vereen 2006 Harolyn Blackwell 2007 Robert Goulet 2007 Marni Nixon 2007 Claudia Catania 2008 Lisa Thomas-Laury 2008 Manuel N. Stamatakis 2008 Glen Campbell 2009 Charles Dutoit 2009 Ruth Ann Swenson 2009 Richard Homan 2010 Peter Nero 2010 Paul Plishka 2010 Richard Raub 2010 Barry Bittman 2011 Diane Rehm 2011 Diana Soviero 2011 Terry Stewart 2011

Frederica von Stade 2012 Bvron Janis 2012 Vy Higginsen 2013 Susanne Mentzer 2013 Roberta Flack 2014 Denise Graves 2014 Lucille Rubin 2014 Dolora Zajick 2015 Catherine Malfitano 2016 Drexel U. & John Fry 2016 Reri Grist 2017 Daniel Schidlow, MD 2017 K. James McDowell 2017 Simon Estes 2018 Karen Hepp 2018 Lauren Johnson 2018 Walter Williams 2018 Lucene Amara 2019 Julianne Baird, 2019 Mignon Dunn, 2019 Jeff Smith. Philadelphia Boys Choir, 2019 William Bonner, 2022 Vladimir Chernov, 2022 Jon Bon Jovi, 2022 Nathan Gunn, 2023 James Morris, 2023 Angélique Kidjo, 2023

Quintana Voice Research Award Recipients

Kenzo Ishizaka 1989 Gunnar Fant 1990 Ingo R. Titze 1991 Kenneth Stevens 1992 Martin Rothenberg 1993 Jan Gauffin 1995 Aatto Sonninen 1997 Donald Childers 2000

Ronald C. Scherer 2020

Robert T. Sataloff 2021

Adrian Fourcin 2004 Masavuki Sawashima 2006 Johan Sundberg 2008 Harm Schutte 2010 Kiyoshi Honda 2012 Fariborz Alipour 2014 Ulrich Eysholdt 2015 RJ Baken 2016

Johan Sundberg - Ingo R. Titze Award

Lorraine Ramig 2022

Dimitar Deliyski 2017 Luc Mongeau 2018 Seiji Niimi 2019 Jack Jiang 2021 Zhaoyan Zhang 2022 Robert Hillman 2023

Charles Ford 2023

AWARD HISTORY

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Dr. John 2013

G. Paul Moore Lecturers

G. Paul Moore 1981 Hans von Leden 1982 Friedrich Brodnitz 1983 Harry Hollien 1984 John A. Kirchner 1985 Henry J. Rubin 1986 Minoru Hirano 1987 David W. Brewer 1988 Johan Sundberg 1989 Oskar Kleinsasser 1990 Wilbur J. Gould 1991 Ingo R. Titze 1992 Harvey M. Tucker 1993 Robert T. Sataloff 1994 Richard Miller 1995

Adrian Fourcin 2004 Kvoshi Honda 2005 Paul Flint 2006 Uve Jürgens 2007 Johan Sundberg 2008 Charles Larson 2009 Harm Schutte 2010

Renata Scotto 1984 John Moriarty 1985 John Wustman 1986 Anna Moffo 1987 Phyllis Curtin 1988 Max Rudolf 1989 Frank Guerarra 1990 Craig Ruttenberg 1991 Barbara Silverstein 1992 Harold Evans 1993 Phyllis Curtin 1994 George Shirley 1995 Ruth Falcon 1996

Nobuhiko Isshiki 1996 Aatto Sonninen 1997 Steven Grav 1998 Joel Kahane 1999 Jean Westerman Gregg 2000 Daniel R. Boone 2001 Ronald C. Scherer 2002 Charles Ford 2003 R. J. Baken 2004 Janina Casper 2005 Christy Ludlow 2006 Jean Abitbol 2007 Diane Bless 2008 Michael S. Benninger 2009 Bonnie Raphael 2010

Keynote Speakers

Tecumseh Fitch 2011 Kivoshi Honda 2012 Robert HIllman 2013 David Huron 2014 Frank Guenther 2015 Joseph Zabner 2016 Robert Zatorre 2017

Honored Master Class Teachers

Cynthia Hoffmann 1997 Sherrill Milnes 1998 Leslie Guinn 1999 Claudia Catania 2000 Tito Capobianco 2001 Susan Ashbaker 2002 Sharon Sweet 2003 Christofer Macatsoris 2004 Shirley Verrett 2005 Martina Arroyo 2006 Susan Ashbaker 2007 Katherine Ciesinski 2008 John Burrows 2009

Jessica Sofranco Kisenwether

Katherine Verdolini Abbott 2011 Peak Woo 2012 Thomas Murry 2013 Gavle Woodson 2014 Brenda Smith 2015 Mara Behlau 2016 Sten Ternström 2017 Nicolas Maragos 2018 Nancy P. Solomon 2019 Linda Carroll 2020 Charles Larson 2021 Michael M. Johns III 2022 Margaret Baroody, 2023

Boris Alexander Kleber 2018 Peter O. Pfordresher 2019 Ingo Titze 2021 Kristina Simonyan 2022 Paavo Alku 2023

Harolyn Blackwell 2010 Diana Soviero 2011 Frederica von Stade 2012 Susanne Mentzer 2013 Denvce Graves 2014 Dolora Zajick 2015 Dolora Zajick 2016 Reri Grist 2017 Simon Estes 2018 Julianne Baird 2019 Vladimir Chernov 2022 Gioacchino Li Vigni 2023

Melissa Treinkman 2020

Amhed M. Yousef 2022

Debra Jean Phyland 2022

Arash Mahnan 2020

Clara Levns 2022

Elizabeth S. Heller Murray 2021

Sataloff Young Investigators Award (Elsevier) Hamzeh Ghasemzadeh 2019

Heather Shaw Bonilha 2009 Rosiane Yamasaki 2010 Satoshi Ohno 2011 Matthew Hoffman 2012 Aaron Johnson 2013

Laura Enflo 2012 Christian Herbst 2013 Edwin M.L. Yiu 2014 Anna Rumbach 2015

Matthew Schloneger 2015 Marion Semmler 2016 Jeong Min Lee 2017

2014 Stephanie Misono 2015 Christian T. Herbst 2016 Maryam Naghibolhosseini 2017 Pravin Kumar S, PhD 2018

Hamdan International Presentation Award Filipa M.B. Lã 2021

Meike Brockman-Bauser 2016 Claudio Stork 2017 Pravin Kumar S, PhD 2018 Iris Meerschman 2019

Best Student Presentation

Matteo Scalabrin 2018 Hamzeh Ghasemzadeh2019 Alison Hilger 2019

Best Student Presentation

Ketaki Vasant Phadke 2017

Clara Leyns 2022

Luca Carozza 2016

Spasmodic Dysphonia Research Award

Anke Ziethe 2019

Arash Mahnan 2020

Katherine L. Marks 2022

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