38th Annual Symposium: Care of the Professional Voice

Symposium Program
June 3 — June 7, 2009
Philadelphia, Pennsylvania

Jointly sponsored by The Voice Foundation and American College of Surgeons
in collaboration with Drexel University College of Medicine,
Temple University, The American Institute for Voice and Ear Research,
and The Academy of Vocal Arts.

www.voicefoundation.org
Physicians, Speech-Language Pathologists, Voice Scientists and Voice Teachers from around the world.

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 thirty-eight years the Voice Foundation’s Annual Symposium has fulfilled these needs for the international community.

The American College of Surgeons designates this educational activity for a maximum of 26 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

The American College of Surgeons is accredited by the ACCME to provide continuing medical education for physicians. Policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the American College of Surgeons and The Voice Foundation. The American College of Surgeons and The Voice Foundation jointly disclaim responsibility for any errors or omissions in the content of the program, or for the consequences resulting from the use of the program material. The American College of Surgeons designates this educational activity for a maximum of 26 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Disclosure Statement
All faculty participating in continuing medical education activities sponsored by the American College of Surgeons are expected to disclose to the activity audience any real or apparent conflict(s) of interest related to the content of their presentation(s). Full disclosure of faculty relationships will be made at the activity. All faculty are expected to disclose information regarding discussion of unapproved drugs, or drugs discussed for an unlabeled use. This information will also be disclosed to the attendees. Full faculty information will be included in registration packets for all attendees.

ASHA Continuing Education Units
Temple University is approved by the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-language and audiology. This program is offered for up to 3.9 CEUs, intermediate level, professional area. ASHA CE Provider approval does not imply endorsement of course content, specific products or clinical procedures.

Graduate Credit
Graduate credit may be obtained through independent study from your University’s Department of Speech-Language Pathology. Registration must be completed prior to the first day of the Symposium.

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 thirty-eight years the Voice Foundation’s Annual Symposium has fulfilled these needs for the international community.

Course Objectives
- Increase knowledge of recent technological, scientific and clinical advances in the study of the human voice;
- Increase understanding in the diagnosis and treatment of voice disorders and techniques for vocal fold surgery;
- Be able to apply various voice examinations/evaluations, therapy and teaching techniques;
- Foster dialogue and cooperation among the various disciplines concerned with the care of the professional voice;
- Gain interdisciplinary information about clinical and research aspects of neurology, and,
- Understand the relationship between normal and abnormal voice production and the various means of studying the voice.

Target Audience
Physicians, Speech-Language Pathologists, Voice Scientists and Voice Teachers from around the world.

Care of the Professional Voice 2009
Symposium Agenda

Wednesday, June 3  2
Thursday, June 4  2-8
Friday, June 5  9-12
Saturday, June 6  13-19
Sunday, June 7  20-25

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Contact TVF throughout the year
Call (215) 735-7999
Email us at
office@voicefoundation.org
Visit us on the web at
www.voicefoundation.org
**WEDNESDAY, JUNE 3, 2009**

2:00p  
Registration Opens  
(Lobby outside Grand Ballroom)

3:00p  
Introduction and Welcome  
*Robert Thayer Sataloff, Chairman*  
(Grand Ballroom, Salon II)

3:15p  
Anatomy and Physiology of Phonation: An Overview  
*Robert Thayer Sataloff*

4:15p  
Production and Perception of Voice: An Overview  
*Christy L. Ludlow, Ronald C. Scherer, Rahul Shrivastav, Johan Sundberg and Sten Ternström*

4:50p  
Coffee Break  
(Grand Ballroom, Salon III – Exhibit Hall)

5:15p  
Production and Perception of Voice: An Overview (continued)

7:00p  
Question and Answer

7:15p  
Adjourn

**THURSDAY, JUNE 4, 2009**

7:20a  
Meeting of the Quintana Voice Research Award Committee  
(The Board Room)

7:50a  
Registration Opens  
(Lobby outside Grand Ballroom)

8:10a  
Opening Remarks  
Introduction and Welcome  
*Robert Thayer Sataloff, Chairman*  
(Grand Ballroom)

**MODELING AND INTERACTIVE VARIABLES IN PHONATION**

Chair: Ron Scherer  
The Westin Philadelphia Hotel: Grand Ballroom

8:30a  
Does Vocal Fold Tissue Possess Spatially Varying Mechanical Properties?  
*Jordan Kelleher, Thomas Siegmund and Roger W. Chan*

8:45a  
The Influence of De-Cohesion on Vocal Fold Deformation and Stresses  
*Thomas Siegmund and Pinaki Bhattacharya*
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<td>9:00a</td>
<td>Water Mass Transport within the Larynx during Inhalation</td>
<td>Luc Mongeau, Shuangdong Wang and Mahalakshmi Sivasankar</td>
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<td>9:15a</td>
<td>Investigation of Electroglottographic Features by Means of</td>
<td>Dimitar S. Deliyski, Robert F. Orlikoff, Maria E. Golla and Habib J. Moukalled</td>
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| 9:30a | Panel Discussion                                                              | Moderator: Ron Scherer  
Panelists: Jordan Kelleher, Thomas Siegmund, Luc Mongeau and Dimitar S. Deliyski | Grand Ballroom - Salon III – Exhibit Hall |
| 10:00a| Coffee Break                                                                  |                                                                           | Grand Ballroom - Salon III – Exhibit Hall |
| 10:45a| Phonetic Labeling of Dysphonia                                                | Joana Revis, Alain Ghio and Antoine Giovanni                             | Grand Ballroom - Salon III – Exhibit Hall |
| 11:00a| Effect of Induced Effort/Strain on Voice                                      | Shaheen N. Awan and Bhairavi D. Tanna                                    | Grand Ballroom - Salon III – Exhibit Hall |
| 11:15a| Audibility of High Frequency in Voice                                         | Brian B. Monson and Sten Ternström                                      | Grand Ballroom - Salon III – Exhibit Hall |
| 11:30a| Panel Discussion                                                              | Moderator: Christy L. Ludlow  
Panelists: Cari M. Tellis, Joana Revis, Shaheen N. Awan and Brian B. Monson | Grand Ballroom - Salon III – Exhibit Hall |
| 12n   | Lunch Break                                                                   |                                                                           | Grand Ballroom - Salon III – Exhibit Hall |
| 1:30p | Keynote Address: Chuck Larson                                                 | “Hearing your voice: New studies on the control of voice F0”              | Grand Ballroom - Salon III – Exhibit Hall |
Keynote Speaker: Chuck Larson

Dr. Chuck Larson received his PhD in Speech and Hearing Sciences from the University of Washington in 1975. He took a position as an Assistant Professor in the Dept. of Communication Sciences and Disorders at Northwestern University in 1981. He teaches courses on the anatomy and physiology of the vocal mechanism as well as in neurobiology. He is now a Professor and Chairman of the department at Northwestern. Dr. Larson’s primary research interests are on voice control and the laryngeal system. Early in his career, he studied neural mechanisms of voice control in monkeys. In his recent work on humans, he has studied the role of hearing on voice fundamental frequency (F0) control by presenting unanticipated changes in voice pitch feedback to speakers. This work has shown that reflexive neural mechanisms help a speaker stabilize voice F0 around a desired level.

Basic Science Session III

SINGING AND SPEAKING - BASIC ISSUES
Chair: Johan Sundberg
The Westin Philadelphia Hotel: Grand Ballroom

2:30p Thyroarytenoid and Cricothyroid Muscle Activity and Vocal Fold Adduction Patterns in Seven Female Commercial Singers during Production of Chest, Chestmix, and Headmix Registers
Karen A. Kochis-Jennings, Eileen M. Finnegan and Henry T. Hoffman

2:45p Acoustic and Articulatory Adjustments for Singer’s Formant Production: Spectral Analysis, MRI and Finite Element Modeling
Jan G. Svec, Jaromir Horacek, Tomas Vampola, Christian Herbst, Donald G. Miller, Radan Havlik, Petr Krupa and Mojmir Lejska

3:00p Subglottal Pressure in Communicative Reading
Johan Sundberg, Ronald C. Scherer, Markus Hess and Frank Müller

3:15p Panel Discussion
Moderator: Johan Sundberg
Panelists: Karen A. Kochis-Jennings, Jan G. Svec and Johan Sundberg

3:45p Coffee Break
(Grand Ballroom, Salon III – Exhibit Hall)
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**Poster Session**

**Speaking Voice Norms of Classical Singers**
Sarah M. Altman and Kerrie B. Obert

**Vocal Fatigue in Primary School Teachers in Indian Scenario**
Abhishek B.P., Santhosh S. Thottungal and N.P. Nataraja

**Incidence of Perioperative Airway Complications in Patients with Previous Medialization Thyroplasty**
Harrison W. Lin and Neel Bhatacharya

**Voice Characteristics in Indian Adult Males after Vocal Loading Task**
Prakash Boominathan, Anitha Rajendran and Dinesh Gnanavel

**Dare We? Singing Lessons for the Very Young**
Karie L. Brown

**Correlation Between Voice Handicap Index (VHI) and Acoustic Aerodynamic Analysis After Phonosurgery**
Jeffrey Cheng, Peak Woo, Chandler Thompson, Linda Carroll, Chandra Ivey and Melissa Mortensen

**Physical Model of Voice Production with Physiologically Based Tension Control, Bulging Effects and Acoustic Loading**
Douglas D. Cook, Matias Zanartu, Kevin Foertsch, Trevor Laughlin, Noah Myrent and Brian Mroozian

**Cross Linguistic Comparison of VOT in Dravidian Speakers**
Pragathi E., Trupthi Rao and Vijay Kumar

**Voice Disorders and Its Symptoms in Primary School Teachers**
Maryam M. Fahaam, Nahid Jaliivand and Farhad Toraby Nejad

**Description of Dynamic of the Vocal Folds in Functional Voice Disorders**
Roberto Fernández-Baillo and Pedro Gómez Vilda

**Effects of Voice Hydration on Voice Performance**
Maria Claudia Franca, Kenneth O. Simpson and Jamie M. Garrison

**Hypopharyngeal Pharyngoplasty: A Case Series**
Ramon A. Franco, Jennifer Andrus and Alicia Quesnel

**Does Singing Activity Influence Sexual Maturation?**
Michael Fuchs and Goetz Gelbrich

**The Impact of Posture Change on Glottic Closure and Acoustic Measures**
Marina Gilman

**Subglottic Pressure in Oriental Singing**
Antoine Giovannini, Leslie Akl and Benoît Amy de la Breteque

**A Longitudinal Look at Vocal Development**
Jeanne C. Goffi-Fynn, Lori McCann, Karie Brown, Amanda DeMaris and Danielle McRoy

**Effect of Surface Electrical Stimulation on Voice in Patients with Muscle Tension Dysphonia: Pilot Data**
Mary Gorham-Rowan, Richard Morris, Linda Fowler and Edie Hapner

**Medialization Thyroplasty Using Silastic Implant**
Jaginder S. Gillu

**Reliability and Validity of the Transgender Self-Evaluation Questionnaire**
Adrienne B. Hancock, Kelly Owen, Linda L. Siegfriedt and Shelley B. Brundage

**Laryngeal Mask Airway in Laryngoscopies: A Safer Alternative to the Difficult Airway**
Nazir Hashmi, Jeff Mandel and Natasha Misra

**Clinical Versus Laboratory Ratings of Voice Using the CAPE-V**
Leah B. Horst and Nancy P. Solomon

**Photodocumentation of the Development of Interarytenoid Adhesion Bands**
Nelson S. Howard, Marc Cohen, Dinesh K. Citrieti and Ali Lotfizadeh

**Perceptual and Acoustical Parameters of Kannada Speech Sounds in People with Maxillary Implant Prosthesis**
HH Jaivikas, K Tarun Thomas, T.A. Subba Rao and M.N. Ajay
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Josh Sappinton and John F. Eisenbeis

Yodeling—Acoustic and Physiologic Properties  
Josef Schlömicher-Thier, Donald G. Miller, Hubert Noe and Christian Herbst

Early Postoperative Stroboscopic Findings in Microflap Surgery  
Stanley Shapshay, Lowell E. Gurey and Rima F. Abraham

One Year Follow-Up of the LAX VOX Tube Aided Short Voice Therapy in the Light of Voice Activation and Participation Profiles and a Symptom Questionnaire  
Marketta Sihvo, Elina Isotalo, Tiina Luukkæla, Outi Sukkaneen and Leenamaija Kleemola

Correlation between Clinician-Based (GRBAS) and Patient-Based (VHI) Documentation of Voice in Theologians  
Sareena Stephen, Vijitha Sunny, Suba Rao, Sonia Mary Chandy and Sherin A. George

Mucosal Bridge  
Melin Tan and Michael Pitman

Teachers’ Knowledge of Issues Related to the Care of the Voice  
Carl M. Tellis, Laura Bauman and Jessica Sofranko

What do Professional Voice Users Learn About Vocal Use, Care and Hygiene Before Entering the Profession?  
Carl M. Tellis, Laura Bauman and Jessica Sofranko

A Survey about the Oriental Concepts Used in Carnatic School of Music  
Santhosh S. Thottungal, Avanthi Niranjan and N.P. Nataraja

Descriptive Study on Voice Parameters for Spanish-Speaking Adults  
Albert Villanueva-Reyes

The Voice Handicap Index: A Translation and Cultural Adaptation to Puerto Rican Spanish Dialect and Its Validation  
Albert Villanueva-Reyes

Analysis and Study on Electroglottograph and Acoustic Parameters of Peking Opera Singers  
Jianqun Wang, Qian Zhang, Yulin Feng, Xiaohui Shen, Chenjie Yu and Ye Yang

Adaptation and Validation of the Mandarin Chinese Voice Handicap Index-10 in Taiwan  
Nan Mai F. Wang, Kuo You Huang, Mao-Chang Su and Chung-Ham Hsin

Characterization of Elastic Fiber Distribution in the Mouse Vocal Fold  
Christopher R. Watts and Jeffrey A. Marler

Effect of Voice Disorders on Adolescents’ Physical/Social Concerns and Career Decisions  
Barbara D. Weinrich, Susan B. Brehm, Megan Pack, Lisa N. Kelchner and Alessandro Dr Alarcon

An Acoustic-Perceptual Study of Voice Tremor  
Judith M. Wingate, Neel Chheda and Rahul Shrivastav

Laryngeal Tremor: Association with Other Movement Disorders  
David Wolraich, Cristina Marchis-Crisan, Sami Kjella and Natasha Mirza

A Study on the Vocal Mechanism of the Sentence Focus in Mandarin Chinese  
Kiduk Yoon and Jianping Kong

Vocal Characteristics of Japanese Noh Singing Voice  
Ikuyo Yoshinaga and Jianping Kong

An Investigation into the Prevalence of Voice Strain in Chinese University Teachers  
Gang Zhou and Xiaochun Niu

Voice Use Reduction as a Treatment for Chronic Dysphonia: A Case Study  
Richard I. Zraick, Hylan C. Pickett, Thomas W. Guyette, Brent A. Gregg and Elizabeth McWeeny

(List incomplete at time of printing)
5:15p   Dinner (on your own)

**SPECIAL SESSION**

**MIXED VOICES**
Chair: Johan Sundberg
The Westin Philadelphia Hotel: Grand Ballroom

6:15p   A Cross-System Study of the Geriatric Voice in Relation to an Open Mouth Approach
Emily Lin, Helene Mautner, Margaret Maclagan and Tim Anderson

6:30p   VRP Contour Shape Variations with Voice Pathology
Peter Pabon and Marieke M. Hakkesteegt

6:45p   Experimental Aerodynamical and Postural Analyses of Whispering Voice
Aude Lagier, Benoit Amy de la Breteque, Meynadier Yohann and Antoine Giovanni

7:00p   Discussion

**MASTER CLASS**

7:30p   **JOHN BURROWS**
The Westin Philadelphia Hotel: Salon I

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**Master Class: John Burrows**

As conductor and musical director, John Burrows has been acclaimed in Europe and America. A native of England, and a USA resident, he has appeared as Guest Conductor with the National Symphony Orchestra, Opera Northeast, Shreveport Opera, Fort Worth Opera, Opera Theatre of San Antonio, Opera Delaware, Nevada Opera, the American Music Theatre Festival and Cleveland Lyric Opera. Venues have included London’s Royal Albert and Queen Elizabeth Halls and the Barbican Centre, Washington’s Kennedy Center, Philadelphia’s Merriam Theatre, and New York’s Kaye Playhouse. In 1980, he co-founded the Lyric Opera of Dallas, serving as the company’s Artistic Director and Principal Conductor until 1992.

For twelve seasons, John Burrows prepared productions for English National Opera, and was the prompter for the legendary Ring Cycle at the London Coliseum under Sir Reginald Goodall. In the 1970’s, he was the Musical Director of A Chorus Line at the Theatre Royal, Drury Lane, conducting over 250 performances, and the original Musical Director of two long-running Mermaid Theatre revues, Cowardly Custard and Cole.

He has always maintained a strong interest in the training of young professional singers and actors. He headed the opera departments at Southern Methodist and Temple Universities, and played important roles in the education programs of Welsh National Opera, the London Opera Centre, the Academy of Vocal Arts, the University of the Arts, the American Institute of Musical Studies (Graz), and Centre Lyrique (Aix-en-Provence).
FRIDAY, JUNE 5, 2009

7:00a  Meeting of the Scientific Advisory Board  
      (The Director’s Room)
      Meeting of the Voice and Speech Trainers Association  
      (VASTA)  
      (The Grill)
7:30a  Registration Opens  
      (Lobby outside Grand Ballroom)

THE SPEAKING VOICE: WHAT YOU NEED TO KNOW ABOUT SPEAKING IN PUBLIC
Moderator: Nancy Pearl Solomon  
The Westin Philadelphia Hotel: Grand Ballroom
8:00a  Where’s the Science Behind the Art of Public Speaking?  
       Nancy Pearl Solomon
8:15a  Confident Public Speaking: How to Give a Powerful  
       Presentation  
       Diane DiResta
9:15a  The Psychology of Public Speaking  
       Deborah Rosen
9:45a  Coffee Break  
       (Grand Ballroom, Salon III – Exhibit Hall)
10:15a Fine Tuning Your Public Speaking Voice  
       Susan Miller
11:00a Panel Discussion  
       Diane DiResta, Deborah Rosen, Susan Miller,  
       Guest panelists: John Rubin, Ronald Scherer and  
       Donna Snow
12n   Presentation: (Salon II)  
       THE 16TH ANNUAL VAN L. LAWRENCE FELLOWSHIP

12:15p Lunch Break (on your own)  
      Meeting of the Voice Foundation Board of Directors  
      (Board Room)
WORKSHOPS

The Academy of Vocal Arts
1920 Spruce Street

Note: The American College of Surgeons does not provide CME credit for this portion of the program. ASHA provides CEU credit for this portion of the program.

WORKSHOPS: 1:30-2:25P SESSION I

Classical Singing Voice
Employing Motor Learning Principles in the Studio to Maximize the Effectiveness of Traditional Training Techniques
Douglas F. Roth
Respiration and Resonance: Vocal Exercises to Enhance Control of Musicality in Performance
William Riley

Musical Theatre/Pop
Contemporary Commercial Singing
Elisabeth Howard

Rehabilitation of the Injured Speaking Voice
Functional Therapy Options for Vocal Fold Bowing
Deidre D. Michael

Rehabilitation of the Injured Singing Voice
Balancing consonant and vowel effort in reducing dysphonia
Linda Carroll

Acting Voice
Alexander: Releasing Up and Out
Janet Feindel

Body Movement
Free the Body – Free the Voice
Diane Gaary

WORKSHOPS: 2:30-3:25P SESSION II

Classical Singing Voice
Practical Solutions for Balancing Registers in the Singing Voice
Christopher Arneson
Sing it; Spin it; Shape those Tones
Kathryn Barnes-Burroughs

Musical Theatre/Pop
The Mellow Sound of Black Gospel Singing: Another View
Ronald High

Rehabilitation of the Injured Speaking Voice
Doing Chewing
John Haskell

FRIDAY, JUNE 5, 2009

WORKSHOPS
### Workshops: 2:30-3:25p Session II (continued)

**Rehabilitation of the Injured Singing Voice**  
Assessment and Management of Collegiate-Level Musical Theater Vocal Injuries  
*Marci Daniels Rosenberg* and *Wendy D. LeBorgne*

**Acting Voice**  
Applying Theatre Voice Training Techniques to Voice Therapy  
*Kate DeVore*

**Body Movement**  
The Expressive Actor: Integrated Voice, Movement and Acting  
*Michael Lugering*

### Workshops: 3:30-4:25p Session III

**Classical Singing Voice**  
What Do I Do With a Voice Like That?: An Ears-On Approach to Teaching the Countertenor Voice  
*Jay White*

Body Mapping: Practical Applications in the Singing Studio  
*Sarah Hoover*

**Musical Theatre/Pop**  
Sing as Simply and Naturally as You Speak  
*Sally Morgan*

**Rehabilitation of the Injured Speaking Voice**  
LAX VOX Tube – A Tool for Care, Cure and Education  
*Marketta Sihvo*

**Rehabilitation of the Injured Singing Voice**  
The Singing Voice Specialist (SVS) As Master Chef: Creating an Individualized Vocalise Recipe Protocol for the Injured Singer  
*Karen Wicklund*

**Acting Voice**  
Common Denominators Between Dance Techniques and Voice Training for the Actor  
*Joan Melton*

**Body Movement**  
Trigger Points, Myofascial Release, and the Voice, a Practical Introduction  
*Benjamin F. Asher*
WORKSHOPS: 4:30-5:25P SESSION IV

Classical Singing Voice
Solving Problems through Vocal Exercises
Constanza Cuccaro
Applications of Semi-Occluded Vocal Tract Postures in the Singing Studio
John P. Nix

Musical Theatre/Pop
Crossover from Classical to Musical Theatre
Edzie Means-Weekly

Rehabilitation of the Injured Speaking Voice
Voice Quality Patterns in the Voice Range Profile
Peter Pabon

Rehabilitation of the Injured Singing Voice
Unscared Therapy
Katherine Verdolini Abbott

Acting Voice
The Whole Body Speaks: A Process Orientation Towards Self-Coaching the Vocal Instrument
Katie Bull

Body Movement
Reducing Stress with The Alexander Technique
Ruth Rootberg

AGENDA
FRIDAY, JUNE 5, 2009

VOICES OF SUMMER GALA
TO BENEFIT THE VOICE FOUNDATION (BLACK TIE)

6:00p   Cocktail Reception
        (Lobby outside Grand Ballroom)

7:15p   Concert, Dinner, Dancing and the Presentation of the Voice Education Research Awareness (VERA) Awards
        (Grand Ballroom)

Volunteer with Us
A variety of opportunities are available. Please contact the Voice Foundation to request a volunteer packet.
Call (215) 735-7999
office@voicefoundation.org
www.voicefoundation.org

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Care of the Professional Voice 2009
**VAN L. LAWRENCE FELLOWSHIP**

**Deadline: November 13, 2009**

The Fellowship is open to members of the National Association of Teachers of Singing who are actively engaged in teaching, have demonstrated excellence in their profession as singing teachers, and have shown interest in and knowledge of voice science.

For more information please contact jnawrocki@voicefoundation.org

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**SATURDAY, JUNE 6, 2009**

7:30a  New Investigator Research Forum  
(The Board Room)  
Meeting of the National Association of Teachers of Singing (NATS)  
(The Grill)

8:00a  Registration Opens  
(Lobby outside Grand Ballroom)

**MEDICAL SESSION IA: (CONCURRENT WITH MEDICAL SESSION IB)**

Chair: Libby Smith  
The Westin Philadelphia Hotel: Grand Ballroom, Salon I

8:30a  Aerodynamic Voice Assessment Before and After Thyroidectomy  
Nancy P. Solomon, Leah B. Horst, Matthew J. Makashay, Joyce Gurevich-Uvena, Leonard R. Henry and Alexander Stojadinovic

8:45a  Efficient Stroboscopic Evaluation  
Richard Kelley, Joel Portnoy, Raymond Colton, Ashley Paseman and Soren Lowell

9:00a  Comparison of Endoscopic vs. Electromyographic Evaluation of Vocal Fold Paresis  
Venu Divi and Matthew Geyer

9:15a  Controlling Gender and Voice Intensity Effects in Acoustic Assessments  
Meike Brockmann, Michael Drinnan and Paul N. Carding

9:30a  Properties of the Subglottal Acoustic Wave in the Range of the Primary Register Transition  
Donald G. Miller and Harm K. Schutte

9:45a  The Possibilities and Limitations of Estimating Subglottal Pressure from Intra-Oral Pressure in Speech and Singing  
Aude Lagier, Nathalie Henrich, Benoit Amy de la Bretèque and Antoine Giovanni
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Authors/Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00a</td>
<td>The Reliability of Objective Voice Measures</td>
<td>Karen Leong and Robert T. Sataloff</td>
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<tr>
<td>10:15a</td>
<td>Discussion</td>
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<tr>
<td>8:30a</td>
<td>Signature-Based Measurement of the Delay between Voice Signals</td>
<td>Dimitar Deliyski and Raphael Schwarz</td>
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<tr>
<td>8:45a</td>
<td>Initial Thoughts on Possible Patterns of Muscular Activity of Abdominal Wall Musculature in Dysphonic Patients</td>
<td>John Rubin and Ed Blake</td>
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<tr>
<td>9:00a</td>
<td>Measurement of Vocal Fatigue in Patients with Unilateral Vocal Fold Paralysis</td>
<td>Julia D. Edgar, Jay F. Piccirillo and Randal C. Paniello</td>
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<tr>
<td>9:15a</td>
<td>Dysphonia Assessment using Automatic Classification System</td>
<td>Joana Revis, Alain Ghio, Gilles Pouchoulin and Antoine Giovanni</td>
</tr>
<tr>
<td>9:30a</td>
<td>Impact of Dysphonia on Quality of Life in the Pediatric Population</td>
<td>Ingrid A. Verduyckt, Celine Benderitter, Dominique Monsomme, Jacques Jamart and Marc Remacle</td>
</tr>
<tr>
<td>9:45a</td>
<td>The Diagnostic Value of the Voice Range Profile (VRP) in the Phoniastic Counseling of Professional Boy Singers at the Onset of the Voice Change in Puberty</td>
<td>Michael Fuchs, Louis Heylen, Marc De Bodt, Bettina Hentschel, Floris L. Wuyts and Sylvia Meuret</td>
</tr>
<tr>
<td>10:00a</td>
<td>Defining the Lived Experience of Elderly Adults with Voice Disorders</td>
<td>Nicole M. Etter, Lisa B. Thomas, Joseph C. Stemple and Dana Howell</td>
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<td>10:15a</td>
<td>Discussion</td>
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<tr>
<td>10:30a</td>
<td>Coffee Break (Grand Ballroom, Salon III – Exhibit Hall)</td>
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<tr>
<td>11:00a</td>
<td>Award Presentations</td>
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<td>11TH ANNUAL DAVID W. BREWER AWARD FOR BEST POSTER</td>
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<td>2ND ANNUAL JOURNAL OF VOICE BEST PAPER AWARDS</td>
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<td>11:10a</td>
<td>G. PAUL MOORE LECTURE: MICHAEL BENNINGER</td>
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<td>The Voice Literature: Evaluating the Evidence</td>
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<td>Chair: Robert Thayer Sataloff</td>
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<td>The Westin Philadelphia Hotel: Grand Ballroom</td>
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G. Paul Moore Lecture: Michael Benninger

Dr. Michael S. Benninger is the Chairman of the Head and Neck Institute at The Cleveland Clinic beginning in January of 2008. He came from the Henry Ford Health System in Detroit, Michigan where he was the Chairman of the Department of Otolaryngology-Head and Neck Surgery, the Cummings-Brush Chair in Surgical Education and the Chair of the Board of Governors for the Henry Ford Medical Group and Hospital.

In addition to his work at the hospital, Dr. Benninger has been very involved in Regional, National and International medical organizations. He served on the Board of Directors of the American Academy of Otolaryngology-Head and Neck Surgery (AAO-HNS) for 12 years, having been a former Vice President and Chairman of the Board of Governors of that organization. He is a Past-President of the American Rhinologic Society and the Michigan Oto-Laryngological Society. He is the past Editor-in-Chief of the Journal, Otolaryngology-Head and Neck Surgery, which is the largest peer-reviewed journal in the world for that specialty. He is the Treasurer and on the executive Council of the American Laryngologic Association. Dr. Benninger is on the Board of Directors of the Voice Foundation and the International Association of Phonosurgeons, and has recently been on the Executive Council of the Triological Society. He has served on the Residency Review Committee for Otolaryngology and as a member of the Medical Advisory Board for WebMD. He is the Past-Chairman of the Steering Committee for the Sinus and Allergy Health Partnership.

Dr Benninger has authored or edited 5 books, including his most recent book, “The Performer’s Voice”. He has also has written numerous book chapters and over 125 scientific articles, focusing primarily on voice care and laryngology, nasal and sinus disease and health care management. He has lectured extensively across the country and throughout the world.

A graduate of Harvard University, Dr. Benninger received his medical degree from Case Western Reserve University in Cleveland, Ohio. He completed his residency at the Cleveland Clinic Foundation.

A Graduate of Harvard University, Dr. Benninger received his medical degree from Case Western Reserve University in Cleveland, Ohio. He completed his residency at the Cleveland Clinic Foundation.
**AGENDA**

**SPEECH-LANGUAGE PATHOLOGY/VOCAL PEDAGOGY SESSION IA:**
*Concurrent with Session IB*

**Chair:** Jackie Gartner-Schmidt  
The Westin Philadelphia Hotel: Grand Ballroom, Salon I

**12:45p**  
The Effects of Instructions on Motor Learning of a Relaxed Phonation Task  
*Estella Ma and Ophelia Cheung*

**1:00p**  
Application of Perceptual Motor Learning Principles to Auditory Training in the Perception of Voice Qualities  
*Christine C. Bergan, Ingo Titze and Kirrie Ballard*

**1:15p**  
Preliminary Investigation of the Global Voice Therapy Model  
*Elizabeth U. Grillo*

**1:30p**  
Study of Vocal Therapy Efficiency: Comparison of Two Methods  
*Dominique J. Morsomme, Gisèle Martinot, Liz Vliegen and Ingrid Verduyckt*

**1:45p**  
A Trial of Four Tremor Control Techniques  
*Heather S. Bonilha and Lucinda Halstead*

**2:00p**  
Efficacy of Therapy in Puberphonia: An Outcome Evaluation Research  
*Vijay Kumar, George Sebasteian and Ambly Jose*

**2:15p**  
Treatment of Psychogenic Dysphonia, Using the Visualization Method  
*Aimée E. Niebuir-van der Ham and Frederik G. Dikkers*

**2:30p**  
The Treatment of Muscle Tension Dysphonia: Comparison of Two Treatment Techniques by Means of an Objective Multiparameter Approach  
*Kristiane M. Van Lierde, Evelien d’Haeseleer and Sofie Claeyx*

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**The Voice Foundation would like to thank our local chapters for their continued contributions and support of the voice care community.**

**WELCOME**  
Georgia, Greater Milwaukee, and the Northwest Chapter in Seattle, Washington

If you are interested in starting a local chapter in your area, please contact the Voice Foundation at office@voicefoundation.org or (215) 735-7999.
<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Topic</th>
<th>Authors</th>
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<tbody>
<tr>
<td>12:45p</td>
<td>Task-Dependent Supramarginal Cortical Activation During Phonatory Behaviors in Humans</td>
<td>Ashwini Joshi, Yang Jiang, Joseph C. Stemple and Richard D. Andreatta</td>
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<tr>
<td>1:00p</td>
<td>Acoustic Analysis of Detrimental and Beneficial Clearing Behaviors</td>
<td>Heather S. Bonilha, Jennifer Copen and Maggie Savidge</td>
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<tr>
<td>1:15p</td>
<td>Correlation between Vibratory and Perceptual Measurement in Resonant Voice</td>
<td>Fei Chen, Gigi Lo, Gary Pang, Estella Ma and Edwin Yiu</td>
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<tr>
<td>1:30p</td>
<td>The Objective Vocal Quality, Vocal Risk Factors, Vocal Complaints and Corporal Pain in Female Student Teachers during the Three Years of Study</td>
<td>Sofie Claeys, Evelien d’Haeseleeer, Evelien Van Houtte and Kristiane M. Van Lierde</td>
</tr>
<tr>
<td>1:45p</td>
<td>Effects of Electromyographic Terminal Feedback on Motor Learning of the Relaxed Phonation Task</td>
<td>Amy Wong, Estella Ma and Edwin Yiu</td>
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<tr>
<td>2:00p</td>
<td>An EGG Study on Voices in Mandarin, Tibetan, Yi and Mongolian</td>
<td>Kong Jiangping</td>
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<tr>
<td>2:15p</td>
<td>Comparison of Voice-Use Profiles in Elementary Classroom and Music Teachers</td>
<td>Sharon L. Morrow and Nadine P. Connor</td>
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<tr>
<td>2:30p</td>
<td>Voice Disorders and Social Consequences</td>
<td>Joana Revis, Nathalie Privat and Antoine Giovanni</td>
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<tr>
<th>Time</th>
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<tr>
<td>3:00p</td>
<td>Coffee Break</td>
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<td>3:15p</td>
<td>An Exploratory Study of Muscle Fatigue and Delayed Onset Muscle Soreness after Transcutaneous Electrical Stimulation to the Neck</td>
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<tr>
<td>3:30p</td>
<td>Patient Factors Related to Voice Therapy Attendance and Outcomes</td>
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<td>4:00p</td>
<td>Singing Outside of the Box: Development of a Singing Voice Therapy Program to Maximize Skill Transfer</td>
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<tr>
<td>4:15p</td>
<td>Comparing the Vocal Dose of University Students from Vocal Performance, Music Education and Musical Theater</td>
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<td>4:30p</td>
<td>Voice Characteristics of Female Physical Education Student Teachers across their First Semester of Student Teaching</td>
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<td>4:45p</td>
<td>Voice Amplification as a Means of Reducing Vocal Load in Elementary Music Teachers</td>
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<tr>
<td>5:00p</td>
<td>The Effect of Voice Amplification on Occupational Vocal Dose in Elementary School Teachers</td>
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<td>Time</td>
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<tr>
<td>3:30p</td>
<td>The Influence of Clinical Terminology on Self-Efficacy for Voice</td>
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<td>3:45p</td>
<td>Individuals High on Introversion are at Risk for Muscle Tension Voice Disorders as Tested with a Stress Reactivity Protocol</td>
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<tr>
<td>4:00p</td>
<td>Psychometry of Patients with Vocal Nodules</td>
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<td>4:15p</td>
<td>Not Just Sound II: An Investigation of Singer Patients Self-Perceptions mapped into the Voice Range Profile</td>
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<tr>
<td>4:30p</td>
<td>Does Knowledge of Diagnosis Affect Auditory-Perceptual Judgments of Dysphonia?</td>
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<tr>
<td>4:45p</td>
<td>The Objective Vocal Quality, Vocal Risk Factors, Vocal Complaints and Corporal Pain in Dutch Female Students Training to be Speech Language Pathologists During the Four Years of Study</td>
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<tr>
<td>5:00p</td>
<td>Vocal Characteristics of Patients with Paradoxical Vocal Fold Motion (PVFM)</td>
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<td>5:15p</td>
<td>Dinner (on your own)</td>
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**SPECIAL EVENING SESSION TUTORIAL**

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<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Authors/讲者</th>
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<tbody>
<tr>
<td>6:30p</td>
<td><strong>Medical Evaluation and Treatment of Professional Singers:</strong> The Science and Art of Clinical Care</td>
<td>Robert Thayer Sataloff</td>
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<td>The Academy of Vocal Arts: 1920 Spruce Street</td>
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<tr>
<td>9:00p</td>
<td><strong>Cocktail Reception</strong></td>
<td>The Academy of Vocal Arts: 1920 Spruce Street</td>
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**SUNDAY, JUNE 7, 2009**

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<tr>
<th>Time</th>
<th>Session</th>
<th>Speakers/Authors</th>
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<tr>
<td>7:30a</td>
<td>Registration Opens</td>
<td>(Lobby outside Grand Ballroom)</td>
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<tr>
<td>8:00a</td>
<td>The Twisted Truth about Arytenoid Adduction Asymmetry</td>
<td>Heather S. Bonilha, Dimitar Deliyski, Maureen O'Shields and Terri T. Gerlach</td>
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<tr>
<td>8:15a</td>
<td>Problems of Professional Voices in Latvia</td>
<td>Anna More</td>
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<tr>
<td>8:30a</td>
<td>Extreme Phonation in Heavy Metal Singers</td>
<td>James P. Thomas, Frizzi L. Linck and Melissa Cross</td>
</tr>
<tr>
<td>8:45a</td>
<td>A Longitudinal Examination of Potential Vocal Injury in Musical Theater Performers</td>
<td>Wendy D. LeBorgne and Gwen Korovin</td>
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<tr>
<td>9:00a</td>
<td>Cross-Sectional and Longitudinal Risk Assessment Analysis for Hyperfunctional Voice Disorders</td>
<td>Elaine M. Ho and Edwin M. Yiu</td>
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<tr>
<td>9:15a</td>
<td>Laryngeal Behavior in Whisped Voice: A Study Using High Speed Imaging</td>
<td>Lise Crevier-Buchman, Jacqueline Vaissiere, Nathalie Henrich, Coralie Vincent, Stephanie Hans and Daniel Brasnu</td>
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<tr>
<td>9:30a</td>
<td>Improving Immune Function, Fact or Fiction</td>
<td>Benjamin F. Asher</td>
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<td>9:45a</td>
<td>Discussion</td>
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**MEDICAL SESSION II (CONCURRENT WITH SESSION IIA)**

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<tr>
<th>Time</th>
<th>Session</th>
<th>Speakers/Authors</th>
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<tbody>
<tr>
<td>8:00a</td>
<td>Paradoxical Vocal Cord Dysfunction, Paradoxical Vocal Fold Movement, Irritable Larynx Syndrome, and Chronic Cough Revisited</td>
<td>Mary V. Andrianopoulos, Nathaniel A. Whitmal, Ill and Estelle Klasner</td>
</tr>
<tr>
<td>8:15a</td>
<td>Morphometric Characteristics of the Vestibular Folds and their Functional Significance</td>
<td>Joel C. Kahane and Lesya Chorna</td>
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<tr>
<td>Time</td>
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<td>Presenters</td>
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<td>8:30a</td>
<td>Evaluation of Vocal Therapy for Treatment of Vocal Fold Nodules</td>
<td>Ramon A. Franco and Jean Bruch</td>
</tr>
<tr>
<td>8:45a</td>
<td>The Effects of a Large Scale Head and Neck Cancer Screening of an At Risk Population</td>
<td>Edie R. Hapner and Justin Wise</td>
</tr>
<tr>
<td>9:00a</td>
<td>How I Do It: A New Technique for Phonosurgery in Patients with Difficult Laryngeal Exposure</td>
<td>Xi D. Cui</td>
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<tr>
<td>9:15a</td>
<td>Post-Operative Hoarseness in the General Surgery Patient Undergoing General Anesthesia</td>
<td>Jack Sariego</td>
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<td>9:30a</td>
<td>New Surgical Technique for Mucosal Bridge of Vocal Fold: Sandwich Mucosal Flap Surgery</td>
<td>Hyung-Tae Kim</td>
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<td>9:45a</td>
<td>Discussion</td>
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<td>10:00a</td>
<td>Coffee Break</td>
<td>(Grand Ballroom, Salon III – Exhibit Hall)</td>
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**MEDICAL SESSION IIIA (CONCURRENT WITH SESSION IIIB)**

Chair: Edwin Yiu  
The Westin Philadelphia Hotel: Grand Ballroom, Salon I

10:30a | A Double-Blind, Placebo-Controlled Study on the Effectiveness of a Chinese Herbal Medicine Decoction in Treating Chronic Laryngitis | Olivia Chung, Edwin Yiu and Steve Xue           |
10:45a | Effects of Fasting on Voice in Males                                  | Abdul-latif Hamdan, Jihad Ashkar, Abla Sibai, Sami Tanbouzi Husseini and Dima Oubari |
11:00a | The Relative Contribution of Different Voice Qualities to Perceived Age | James D. Harnsberger, W.S. Brown Jr. and Rahul Shrivastav |
11:15a | Gastroesophageal Reflux Disorder—Lifestyle, Symptomatology & Voice Profile: Findings from India | Prakash Boominathan, Ravi Kumar A and Purushothaman GS |
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<th>Time</th>
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<th>Presenter(s)</th>
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<tr>
<td>11:00</td>
<td>Voice Feminization in Cases of Gender Reassignment: Effects of Wendler Glottoplasty</td>
<td>Dominique J. Morsomme and Marc Remacle</td>
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<tr>
<td>11:15</td>
<td>Posterior Glottic Closure: Type I Thyroplasty Versus Arytenoid Adduction</td>
<td>Aida Yavari, Anya Li, Cristina Jackson-Menaldi, Michael M. Johns and Adam M. Rubin</td>
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<tr>
<td>11:30</td>
<td>Laryngeal Neuromuscular Identification for Surgical Treatment of Spasmodic Dysphonia</td>
<td>Elena Mora Rivas, Ignacio Cobeta Marco and Eva Maranillo Alcaide</td>
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<td>11:45</td>
<td>Discussion</td>
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**Medical Session IIIa (Concurrent with Session IIIb) Continued**

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<tr>
<td>11:30</td>
<td>The Effects of Surface Electrical Stimulation on Neck Muscles in Voicing and Swallowing</td>
<td>Sin Yi Sindy Lai, Estella Ma and Edwin Yiu</td>
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<td>11:45</td>
<td>Discussion</td>
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**Medical Session IIIb (Concurrent with Session IIIa)**

Chair: Gregory Gallivan
The Westin Philadelphia Hotel: Grand Ballroom, Salon II

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<tbody>
<tr>
<td>10:30</td>
<td>Combined Therapy of Surgical Excision, Laser Vaporization and Cidofovir Injection for the Treatment of Recurrent Respiratory Papillomatosis in an Adult Cohort</td>
<td>Sofie E. Claeys, Evelyne Van Houtte and Kristiane Van Lierde</td>
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<tr>
<td>10:45</td>
<td>Phonomicrosurgical Plus Photoangiolytic Pulsed Laser Treatment of Recurrent Glottic Keratinizing Precancerous Dysplasia</td>
<td>Gregory J. Gallivan and Helen K. Gallivan</td>
</tr>
<tr>
<td>11:00</td>
<td>Voice Feminization in Cases of Gender Reassignment: Effects of Wendler Glottoplasty</td>
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<td>11:45</td>
<td>Discussion</td>
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**Vocal Pedagogy IIIa (Concurrent with Session IIIb)**

Chair: Kathryn Barnes-Burroughs
The Westin Philadelphia Hotel: Grand Ballroom, Salon I

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<tr>
<td>12:00</td>
<td>Lunch Break (on your own)</td>
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<td>Meeting of the Symposium Planning Committee</td>
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**AGENDA**

**Sunday, June 7, 2009**
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<th>Time</th>
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| 1:15p | MTD as Viewed by Voice Teacher and Speech Pathologist: Collaboration and Conquest  
        Linda Carroll and Jeanne C. Goffi-Fynn |
| 1:30p | A Survey of Exercise Habits in College-Aged Vocal Performance Majors: A Preliminary Study  
        Kate A. Emerich |
| 1:45p | The Singing Power Ratio and Timbre-Related Acoustic Analysis of Singing Vowels and Musical Instruments  
        Emily Lin, Dona Jayakody and Valerie Looi |
| 2:00p | The Anatomy and Physiology of Five Non-Classical Vocal Postures  
        Leda Scearce |
| 2:15p | Analysis of Five Musical Theater Belting Substyles  
        Lisa S. Popeil, Johan Sundberg and Margareta Thalen |
| 2:30p | The Alexander Technique as an Asset to Vocal Therapy as Measured through Standard Voice Science Methods  
        Ruth Rootberg, Molly B. Johnson and Mary V. Andrianopoulos |
| 2:45p | Effects of 14 to 15 Hours of Dietary Hydration Gap on Voice Qualities in Normals  
        M. D. Vikas and Vijay Kumar |
| 3:00p | An Acoustic and Aerodynamic Study of Diatonic Scale Singing in a Professional Female Soprano  
        Haidee Lynn C. Tan, Ronald C. Scherer and Jane Schoonmaker Rodgers |
| 3:15p | Effect of Breathing and Vocal Function Exercises (Adapted) in the Practice Regimen of Trained Carnatic (South Indian Classical) Singers— A Pilot Investigation  
        Prakash Boominathan, Shruthi Ravi and Divya Chandrashekar |
| 3:30p | The Suitability of Melodic Contour Mapping Technology for Legato Training in the Undergraduate Choral and Solo Collegiate Classical Singer  
        Kathryn Barnes-Burroughs, Deanna Kramer, Oliver Lucero, Thomas Hughes, Marcie Boulware, Kathy McNeil, Sue Arnold, Gerald Dolter, Susan Carter, Rebecca Coberly, Micah L. Meixner, Erika con Schwedler and William Y. Lan |
<p>| 3:45p | Discussion |</p>
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<tr>
<td>1:00p</td>
<td>Vocal Knowledge of Pre-Service Music Performers, Educators, and Therapists in University Music Degree Programs</td>
<td>James F. Daugherty, Judy Bowers and David Okerlund</td>
</tr>
<tr>
<td>1:45p</td>
<td>Technology Based Distance Education in the Vocal Studio</td>
<td>Kimberly J. Broadwater and Mary L. Buchanan</td>
</tr>
<tr>
<td>2:00p</td>
<td>Vibrato Parameters in Professional Singers</td>
<td>Isabel Garcia-Lopez, Julio Peñarrocha, Magdalena Perez-Ortin, Alejandra Carrasco and Javier Gavilan</td>
</tr>
<tr>
<td>2:15p</td>
<td>The Effect of Vocal Warm Up Exercises on the Messa di Voce—A Pilot Study</td>
<td>David Meyer, Lina Zeine and Amber Bone</td>
</tr>
<tr>
<td>2:30p</td>
<td>Acoustic and Perceptual Dissimilarity Within and Between Voice Category in Classical Trained Female Voices</td>
<td>Molly Erickson</td>
</tr>
<tr>
<td>3:00p</td>
<td>A Novel Matching Task for Measurement of Voice Quality</td>
<td>Rahul Shrivastav and David A. Eddins</td>
</tr>
</tbody>
</table>
THANK YOU

The Voice Foundation thanks you for your participation in our annual symposium. We could not host this program or provide funding for important research grants and educational outreach without the support of our members and friends. Your membership dues, donations and contributions enable us to continue the Voice Foundation’s mission as we celebrate our 40th year.
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THE VOICE FOUNDATION

Thanks our 38th Annual Symposium Exhibitors as of press time:

Atmos       KayPentax
Bioform      Plural Publishing
BlueTree Publishing  Professionally Speaking
Elsevier      Santarus
Griffin Laboratories  Voicetrainer, LLC
Registration is available online at https://registration.scolars.com/conferences/vf2009/default.php
Registration completed before April 30, 2009 qualifies for a discounted rate.

Pricing:
Physicians:
   Full Course (Wednesday - Sunday) including Workshops, Master Class, Cocktail Reception and one Gala ticket:
   $750 (before 4/30)
   $850 (after 4/30)
   Daily Rate: $200 (before 4/30); $225 (after 4/30)

Non-Physicians:
   Full Course (Wednesday - Sunday) including Workshops, Master Class and Cocktail Reception:
   $360 (before 4/30)
   $460 (after 4/30)
   Daily Rate: $130 (before 4/30); $180 (after 4/30)

Students:
   Full Course (Wednesday - Sunday) including Workshops, Master Class and Cocktail Reception:
   $125 (before 4/30)
   $175 (after 4/30)
   Daily Rate: $50 (before 4/30); $60 (after 4/30)

Workshops only (6/5): $55
Special Evening Tutorial and Cocktail Reception only (6/6): $25
Master Class only (6/4): $50
Gala (for Symposium attendees): $195
Gala (for non-Symposium attendees): $250; $200 (under 35)

Current Voice Foundation members receive a Symposium discount!
The promotional codes, which should be entered in the online registration page, were sent to all members via e-mail. If you are a current member and did not receive this promotional code, please contact jnawrocki@voicefoundation.org.

THE VOICE FOUNDATION’S
38TH ANNUAL VOICES OF SUMMER GALA
FRIDAY, JUNE 5, 2009

JOIN US IN CELEBRATION OF THE 40TH ANNIVERSARY OF THE VOICE FOUNDATION! TICKETS TO BENEFIT YEAR-ROUND OUTREACH EFFORTS.

FOR INFORMATION, TICKETS AND SPONSORSHIP LEVELS PLEASE CONTACT: OFFICE@VOICEFOUNDATION.ORG
ADDITIONAL OFFERINGS

On-Site Gratis Coaching

Need to polish your Symposium presentation? Want to be heard as more than just an accent? Ready to turn great data into a solid presentation? Coaching will be available in the Board Room of the Westin Philadelphia Hotel at the following times:

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Coach</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wednesday, June 3</td>
<td>2:30pm - 5:00pm</td>
<td>Dr. Susan Miller</td>
</tr>
<tr>
<td>Thursday, June 4</td>
<td>8:00am - 10:00am</td>
<td>Dr. Susan Miller</td>
</tr>
<tr>
<td></td>
<td>2:00pm - 4:00pm</td>
<td>Dr. Susan Miller</td>
</tr>
<tr>
<td>Friday, June 5</td>
<td>2:00pm - 4:30pm</td>
<td>Dr. Susan Miller</td>
</tr>
<tr>
<td>Saturday, June 6</td>
<td>10:00am - 12:00pm</td>
<td>Leigh Dillon</td>
</tr>
<tr>
<td></td>
<td>1:00pm - 4:00pm</td>
<td>Leigh Dillon</td>
</tr>
</tbody>
</table>

In order to use this valuable service you must reserve a half hour session prior to the beginning of Symposium. Please contact Julia Nawrocki at jnawrocki@voicefoundation.org to schedule coaching.

Thank you to Dr. Susan Miller and Leigh Dillon for championing this effort for its fifth successful year.
### A Special Thank You To:

**FOR PRINTING THE VOICE FOUNDATION’S 38TH ANNUAL SYMPOSIUM PROGRAM!**

<table>
<thead>
<tr>
<th>Committee</th>
<th>Event</th>
<th>Date</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>QUINTANA VOICE RESEARCH AWARD COMMITTEE</td>
<td></td>
<td>THURSDAY, JUNE 4, 2009</td>
<td>7:20AM - 8:10AM</td>
<td>THE BOARD ROOM</td>
</tr>
<tr>
<td>JOURNAL OF VOICE EDITORIAL BOARD</td>
<td></td>
<td>THURSDAY, JUNE 4, 2009</td>
<td>12:00PM - 1:00PM</td>
<td>THE DIRECTOR’S ROOM</td>
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<tr>
<td>AD HOC PRESENTATION OUTREACH COMMITTEE</td>
<td></td>
<td>THURSDAY, JUNE 4, 2009</td>
<td>12:00 - 1:00PM</td>
<td>THE GRILL</td>
</tr>
<tr>
<td>SCIENTIFIC ADVISORY BOARD</td>
<td></td>
<td>FRIDAY, JUNE 5, 2009</td>
<td>7:00AM - 8:00AM</td>
<td>THE DIRECTOR’S ROOM</td>
</tr>
<tr>
<td>TVF BOARD OF DIRECTORS</td>
<td></td>
<td>FRIDAY, JUNE 5, 2009</td>
<td>12:00PM - 1:30PM</td>
<td>THE BOARD ROOM</td>
</tr>
<tr>
<td>NEW INVESTIGATOR RESEARCH FORUM</td>
<td></td>
<td>SATURDAY, JUNE 6, 2009</td>
<td>7:30AM - 8:30AM</td>
<td>THE BOARD ROOM</td>
</tr>
<tr>
<td>VOICE LABORATORY REPRESENTATIVES</td>
<td></td>
<td>SATURDAY, JUNE 6, 2009</td>
<td>12:00 - 12:45PM</td>
<td>THE BOARD ROOM</td>
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<tr>
<td>SYMPOSIUM PLANNING COMMITTEE</td>
<td></td>
<td>SUNDAY, JUNE 7, 2009</td>
<td>12:00PM - 1:00PM</td>
<td>THE BOARD ROOM</td>
</tr>
<tr>
<td>VASTA BREAKFAST</td>
<td></td>
<td>FRIDAY, JUNE 5, 2009</td>
<td>7:00AM - 8:00AM</td>
<td>WESTIN RESTAURANT, THE GRILL</td>
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<tr>
<td>NATS BREAKFAST</td>
<td></td>
<td>SATURDAY, JUNE 6, 2009</td>
<td>7:30AM - 8:30AM</td>
<td>WESTIN RESTAURANT, THE GRILL</td>
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Care of the Professional Voice 2009
<table>
<thead>
<tr>
<th><strong>HONORED MASTER CLASS TEACHERS</strong></th>
<th><strong>HONORED MASTER CLASS TEACHERS</strong></th>
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<tbody>
<tr>
<td>Renata Scotto 1984</td>
<td>Hanki Evans 1993</td>
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<tr>
<td>John Morlart 1985</td>
<td>Phyllis Curtin 1994</td>
</tr>
<tr>
<td>John Wustman 1986</td>
<td>George Shirley 1995</td>
</tr>
<tr>
<td>Anna Moffo 1987</td>
<td>Ruth Falcion 1996</td>
</tr>
<tr>
<td>Phyllis Curtin 1988</td>
<td>Cynthia Hoffmann 1997</td>
</tr>
<tr>
<td>Max Rudlaff 1989</td>
<td>Sherrill Mines 1998</td>
</tr>
<tr>
<td>Frank Guerara 1990</td>
<td>Leslie Quinn 1999</td>
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<tr>
<td>Craig Ruttenberg 1991</td>
<td>Claudia Catania 2000</td>
</tr>
<tr>
<td>Barbara Silverstein 1992</td>
<td>Tito Capobianco 2001</td>
</tr>
<tr>
<td><strong>VOICE EDUCATION RESEARCH AWARENESS (V.E.R.A.) AWARD</strong></td>
<td><strong>VOICE EDUCATION RESEARCH AWARENESS (V.E.R.A.) AWARD</strong></td>
</tr>
<tr>
<td>Geraldine Dietz Fox 1990</td>
<td>Leon Fissler 1998</td>
</tr>
<tr>
<td>Anthony Quinn 1993</td>
<td>Grace Burbry 1999</td>
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<tr>
<td>Dan Nathar 1993</td>
<td>Martina Arroyo 1996</td>
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<tr>
<td>Anna Moffo Sarnoff 1993</td>
<td>George Shirley 1999</td>
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<tr>
<td>Adele Wanden Paas 1993</td>
<td>Richard Leech 2000</td>
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<tr>
<td>John J. Stafford 1994</td>
<td>David Bradley 2000</td>
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<tr>
<td>Alan King 1994</td>
<td>Jack Klugman 2001</td>
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<tr>
<td>Phyllis Curtin 1994</td>
<td>Dame Julie Andrew 2002</td>
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<tr>
<td>Rotan E. Lee 1994</td>
<td>Samuel Katz 2002</td>
</tr>
<tr>
<td>David W. Brewer M.D. 1995</td>
<td>Renata Scloso 2003</td>
</tr>
<tr>
<td>Malcolm Poindexter 1995</td>
<td>Constantine Papadakis, Ph.D. 2003</td>
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<tr>
<td>Brian McDonough M.D. 1996</td>
<td>Robert Driver 2004</td>
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<tr>
<td>Lisa Albanese 1997</td>
<td>Aprile Millo 2004</td>
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<tr>
<td>Berl Schiller 1997</td>
<td>Teddy Pennegrasso 2004</td>
</tr>
<tr>
<td><strong>WILBUR JAMES GOULD AWARD</strong></td>
<td><strong>WILBUR JAMES GOULD AWARD</strong></td>
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<tr>
<td>Anna Moffo Sarnoff 1996</td>
<td>Sadanand Singh, Ph.D. 2001</td>
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<tr>
<td>Robert T. Sataloff 2007</td>
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<tr>
<td><strong>TONY RANDALL AWARD</strong></td>
<td><strong>TONY RANDALL AWARD</strong></td>
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<tr>
<td>Eli Wallach 2008</td>
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</tbody>
</table>
HOTEL ACCOMMODATIONS

The Westin Philadelphia Hotel
99 South 17th Street
Philadelphia, PA 19103-4299
(215) 563-1600
www.westin.com/philadelphia

Located in the heart of the city known as America’s birthplace, The Westin Philadelphia combines traditional elegance with modern luxury. It is directly connected to Liberty Place, an upscale shopping center and food court, and the Pennsylvania Convention Center is just a few blocks away. Many of the area’s other famous landmarks including the Liberty Bell, Independence Hall, the Betsy Ross House, and the Philadelphia Museum of Art are also nearby.

Experience the commitment to Modern Luxury in each of their 290 luxurious guest rooms, including 17 suites and the new Westin-WORKOUT® Powered by Reebok Gym. The rich European décor, lavish conference facilities, and exquisite culinary presentations attract an impressive array of corporate events and social occasions. Business and leisure travelers, as well as social event planners choose The Westin Philadelphia for its stately elegance and full range of services including high speed Internet access in all guest and meeting rooms.

In order to receive the following special rates, all reservations must be made by May 2, 2009:

Traditional Double or Traditional King Room: $235.00 per night
(regular rate: $389.00 per night)

To make a reservation online, visit

http://www.starwoodmeeting.com/Book/voicefound

For information about dormitory housing, contact the Voice Foundation at jnawrocki@voicefoundation.org
CALL FOR PAPERS AND POSTERS  
Deadline: October 31, 2009  
Abstracts must represent original work that has not been published elsewhere. Completed manuscripts must be submitted by the day of presentation at the Symposium and must be submitted for consideration for publication in Journal of Voice, unless prior arrangements have been made. There is also a New Investigators Research Forum for works in progress.

CALL FOR WORKSHOP PROPOSALS  
Deadline: October 31, 2009  
Voice professionals are invited to submit a proposal for a workshop to be considered for presentation at the Voice Foundation’s 2010 Symposium. As you prepare your submission, please keep in mind that the focus of the workshop should be on the “live” demonstration of your techniques with singers, actors, patients, or audience members. The workshop duration is 55 minutes, and we request that you plan for the majority of the session to be spent in hands-on interaction with the participants. Be advised that workshops should be designed to be presented without the use of audiovisual aids such as overhead projectors, slide projectors, or videotapes.

VAN L. LAWRENCE FELLOWSHIP  
Deadline: November 13, 2009  
The Fellowship is open to members of the National Association of Teachers of Singing who are actively engaged in teaching, have demonstrated excellence in their profession as singing teachers, and have shown interest in and knowledge of voice science.

QUINTANA AWARD  
Awarded every other year. The next award will be presented in 2010. The Quintana Award is given in recognition of exceptional contributions to the understanding or treatment of the voice by application of engineering principles or techniques. Appropriately-documented nominations for the Quintana Award are welcomed.

Please visit our website for more information  
www.voicefoundation.org
### Associate Membership
$50 annual contribution (domestic)
$75 annual contribution (international)

**Benefits**
- 10% discount on registration to the Foundation’s Annual Symposium: Care of the Professional Voice, the meeting for voice experts from all over the world
- One-year subscription to the Voice Foundation’s Newsletter. Keep current with the latest developments in voice science, care and training through informative articles on health tips, voice care and much more
- 10% discount on purchases from the Foundation’s catalogue of videotapes, DVDs and transcripts
- Advance Notice of all Foundation events
- Certificate of Membership

### Professional Membership
$250 annual contribution (domestic)
$275 annual contribution (international)

**Benefits**
- ALL Associate level benefits, plus...
- A 20% discount on Symposium registration fees
- A complimentary annual subscription to *Journal of Voice*, the Foundation’s official, scholarly, bi-monthly publication

### Sustaining Membership
$125 annual contribution (domestic)
$150 annual contribution (international)

**Benefits**
- ALL Associate level benefits, plus...
- A 15% discount on registration to the Foundation’s Annual Symposium: Care of the Professional Voice, the meeting for voice experts from all over the world

### Sustaining Membership
$125 annual contribution (domestic)
$150 annual contribution (international)

**Benefits**
- ALL Associate level benefits, plus...
- A 15% discount on registration to the Foundation’s Annual Symposium: Care of the Professional Voice, the meeting for voice experts from all over the world

### Institutional Membership
$500 annual contribution (domestic and international)

**Benefits**
- All Professional level benefits, plus...
- 20% Symposium discount for 2 attendees

### Corporate Membership
$2,500 minimum annual contribution (domestic and international)

**Benefits**
- ALL Professional level benefits, plus...
- 25% discount on exhibition display fees at the Foundation’s Annual Symposium: Care of the Professional Voice, the meeting for voice experts from all over the world

### Life Membership
$5,000 one-time contribution, individuals only

**Benefits**
- ALL Professional level benefits, for life
The Voice Foundation's 38th Annual Symposium: Care of the Professional Voice

June 3 - June 7, 2009

The Westin Philadelphia
Philadelphia, Pennsylvania, USA

Symposium registration is available online at:
Registration completed before April 30, 2009 qualifies for a discounted rate.

Please see page 43 of the 2009 Symposium program for registration pricing and further information.

Hotel reservations can be made online at:
http://www.starwoodmeeting.com/Book/voicefound
Please book by May 2, 2009 for the special discount rate (p.47).