

**WEDNESDAY, MAY 31, 2006**

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

4:15 p Production and Perception of Voice: An Overview

Christy Ludlow, Ronald Scherer, Johan Sundberg, 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 1, 2006**

7:00a Meeting of the Quintana Voice Research Award Committee

(The Director's Room)

7:30a Registration Opens

(Lobby outside Grand Ballroom)

8:00a            Opening Remarks  
Introduction and Welcome

Robert Thayer Sataloff, Chairman

(Grand Ballroom)

**BASIC SCIENCE SESSION I:**

**BASIC LARYNGEAL MECHANICS**

Chairperson: Johan Sundberg

The Westin Philadelphia Hotel: Grand Ballroom

8:15a            Simultaneous Structural and Functional Imaging of Vocal Folds

Q. Qiu, Jan G. Švec, Harm K. Schutte

8:30a            High-Speed Videoendoscopic Validation of a Glottographic Estimate of  
Vocal-Fold Adduction Time

Dimitar D. Deliyski, Robert F. Orlikoff, R. J. Baken, Ben C.

Watson

8:45a            Biomechanical Factors of Pitch Control

Fariborz Alipour

9:00a            Estimation of Impact Stress and Acceleration Using An Aeroelastic Model  
of Voice Production

Jaromír Horáček, Anne-Maria Laukkanen, Petr Šidlof, Jan Švec,

Peter Murphy

9:15a           Measurements of the Relationship Between Subglottal Pressure, Glottal Area and Transglottal Airflow During Whisper

Johan Sundberg, Ronald Scherer, Markus Hess, Frank Müller

9:30a           Panel Discussion

Moderator: Johan Sundberg

Panelists: Fariborz Alipour, Dimitar Deliyski, Jaromír Horáček, Q.

Qiu

10:00a         COFFEE BREAK

(Grand Ballroom, Salon III – Exhibit Hall)

**BASIC SCIENCE SESSION II:**

**MECHANICS AND ACOUSTICS**

Chairperson: Ronald C. Scherer

The Westin Philadelphia Hotel: Grand Ballroom

10:30a         Period and Glottal Width Irregularities of Vocal Fold Vibration

Heather S. Shaw, Dimitar D. Deliyski

10:45a         Velocity Fields Obtained During Phonation in Multiple Coronal Planes in the Excised Canine Larynx Model

Sid Khosla, Ephraim Gutmark, S. Murugappan, Ronald Scherer

11:00a         Sources of Sound Within the Human Larynx

Luc Mongeau, Steven Frankel, Ronald Scherer

11:15a         Modeling the Influence of Vocal Nodules on Vocal Fold Vibration

Brian B. Monson, Scott L. Thomson

11:30a

Panel Discussion

Moderator: Ronald Scherer

Panel: Dimitar Deliyski, Sid Khosla, Luc Mongeau, Brian Monson,

Heather Shaw

12:00n

Lunch break (on your own)

Meeting of the Journal of Voice Editorial Board

(The Director's Room)

**1:30p**

**KEYNOTE ADDRESS:**

**Viral and Non-viral Strategies for Gene Delivery in the Larynx**

Paul Flint

Chairperson: Christy Ludlow

The Westin Philadelphia Hotel: Grand Ballroom

**BASIC SCIENCE SESSION III:**

**TISSUE MECHANICS AND NEUROPHYSIOLOGY**

Chairperson: Christy Ludlow

The Westin Philadelphia Hotel: Grand Ballroom

2:30p

Contributions of Collagen and Elastin to Vocal Fold Elasticity

Roger W. Chan, Neeraj Tirunagari, Min Fu

2:45p

A Biodegradable, Acellular Xenogenic Scaffold for Vocal Fold Tissue  
Engineering

Roger W. Chan, Che Xu, Sudhanshu Somasundar

3:00p Laryngeal Muscle Activity in Giggle: Electromyographic Measurement and Biomechanical Modeling

Ingo R. Titze, Eileen M. Finnegan, Anne-Maria Laukkanen,

Megan Fuja, Henry Hoffman

3:15p Panel Discussion

Moderator: Christy Ludlow

Panelists: Roger W. Chan, Robert T. Sataloff, Ingo R. Titze

3:30p Presentation of 14<sup>th</sup> Annual Van L. Lawrence Fellowship and Quintana Voice Research Award by Robert T. Sataloff

3:40p COFFEE BREAK

(Grand Ballroom, Salon III – Exhibit Hall)

**4:00p**

**POSTER SESSION**

Chairperson: Ronald C. Scherer

The Westin Philadelphia Hotel: Lobby outside Grand Ballroom

The 2002-3 NAMCS Data on GERD: A Continued Increasing Trend

Kenneth W. Altman, Robbin M. Stephens, Christopher S. Lyttle, Kevin B. Weiss

Acoustic Cues for the Perception of Roughness in Vowels

Rahul Shrivastav

Botulinum Toxin in the Management of Laryngeal Tics

Daniel A. Vincent, Jr.

Carnatic Singers – Some Aspects

Prakash Boominathan, Ronald C. Scherer, Rahul Shrivastav, Rajashekhar Bellur,

Ravi Kumar, Roopa Nagarajan

Considerations for Strength and Stretching with Voice Patients

Barbara M. Wilson Arboleda, Arlette Frederick

Effects of Glottal Geometry on Intraglottal Pressure Distributions

Sheng Li, Ronald C. Scherer, MingXi Wan, SuPin Wang

Laryngeal Behaviors of Post-radiotherapy Nasopharyngeal Patients, Normals, and Voice Patients at Three Pitch Levels

Emily Lin, Tzer-Jen Hwang, Jeremy Hornibrook, Tika Ormond

Laryngeal Granulomas – Outcomes and Cost Analysis of Maximal Medical Treatment

Gwendolyn Funk, Kyle Manion, Denis Lafreniere

Management of Voice Complaints in Children Following Laryngotracheal Reconstruction

Susan Baker, Barbara Weinrich, Lisa Kelchner, Ravi Elluru, Karen Zur

Naïve Listener Judgments of Tracheoesophageal Speech

Tanya L. Eadie, Philip C. Doyle, Kerry Hansen, Paul G. Beaudin

The Phonetics of Ibn Sina

Donald S. Cooper, Ali S. Abu-Al-Makarem

Promotion of Conversational Resonant Voice Characteristics in a Patient with Laryngeal Myasthenia

Barbara Weinrich, Susan Baker, Robin Cotton

Registers are for Pipe Organs; The Human Voice is a Continuum

Raymond M. McGuire, Barbara A. Inzana

Short and Long-Term Variation of Phonetograms in Normal Speakers

Judith M. Wingate, Savita Collins

The Ten Technical Commands to Vocal Mastery

Chrissellene G. Petropoulos

Treating Parkinsonian Speech: Development of a Rating Scale

Frederick Lewis

Treatment of Congenital Vocal Fold Webbing: A Case-Study

Shirley Gherson

Treatment of Exercise-induced Paradoxical Vocal Fold Motion in Adolescent Athletes

Shirley Gherson

The Use of the Mobile Voice Laboratory in the Operating Room During Type I

Thyroplasty with Gore-Tex

Joseph Belanger, Adam D. Rubin, Cristina Jackson-Menaldi

Voice Quality as a Carrier of Emotional Content in Speech: Acoustical and Perceptual  
Study

Teija Waaramaa, Anne-Maria Laukkanen

5:30p          Dinner (on your own)

**SPECIAL SESSION:**

**PERCEPTION**

Chairperson: Johan Sundberg

The Westin Philadelphia Hotel: Grand Ballroom

6:30p            Acoustic Cues for the Perception of Roughness in Vowels

Rahul Shrivastav

6:45p            What Is the Bandwidth of Singer Discrimination?

Molly L. Erickson

7:00p            Panel Discussion

Moderator: Johan Sundberg

Panelists: Molly Erickson, Rahul Shrivastav

7:20p            Adjourn

7:30p            MASTER CLASS

Martina Arroyo

(Georgian Room)