

Poster Presentations

Efficacy of Resonant Voice Therapy in Improving Vocal Parameters in HOH/CI: A Case Study. *Sanyukta Jaiswal, Brittany Palmer, Antoinette Allen*
Reading Versus Repetition for Voice Analysis. *Alexis Cable, Enjoli Cole, and Nandhu Radhakrishnan*

Adolescent Female Voice: Perception & Practice. *Jeanne Goffi-Fynn and Felicity Graham*

Fifty Shades of Pink: The Dangerous and Unsexy Side of Vascular Lesions of the Vocal Folds. *Jessica McCormack*

Developing Better Breathing and Support for the Singer with Assistance from an Unexpected Source. *Deanna Pond*

The Development of an External Vibration Therapy Protocol for Singers. *Jennifer Anderson, Mary Enid Haines, Gwen Merrick, and Marta Deluca*

Manuel Garcia's Coup de Glotte: Innovative or Destructive? *Stephanie Beinlich*

Longitudinal Assessment of Singing Voice Handicap in Undergraduate Singing Students. *Cynthia Donnell*

A Pilot Study of the Effects of Ventilatory Muscular Training. *Rachel Hicks, John Nix, and Donovan Fogt*

Effects of Hennessy Whole Body Voice on the Singing Voice: Objective Data and Subjective Voice Handicap Index-10 (SVHI-10) results: a pilot study. *Eva Laskaris, John Nix, Donovan Fogt, Sakiko Oyama, and Alberto Cardova*

Full Body Vibration: Does it Enhance Vocal Resonance and Training? *Sally Zeigler Thomas, Georgia Martin, and Judith Bruno*

Effect of Range and Note Duration on Extrinsic Laryngeal and Respiratory Muscle Effort and Voicing Behaviors in Barbershop Singing. *Thomas Scott*

Aging Voice: Tissue, Speech Breath Groups, and Speech Fundamental Frequency. *Eric Hunter*

Application of Motor Learning Theory to Transgender Voice Modification. *Irene Kling*

Training Contemporary Singers with Voice Science. *Ryan Luchuck*

Voice Therapy Outcomes in Singers with Muscle Tension Dysphonia Based on Patterns of Hyperfunction. *Katherine Osborne, Michelle Toth, Christin Ray*

Classical Singing Techniques and Speech Recovery after Stroke. *Jo Anne Bures and Darlene Wiley*

Evaluation of Vocal Effort in Changing Acoustic Environment through Measurement of Vocal Onsets. *Mark Berardi, Eric Hunter, Timothy Leishman, and Jennifer Whiting*

Behavioral Management of Vocal Fatigue and Pitch Range Limitations in an Untrained Vocalist. *David Krupke*

Effects of a Straw Phonation Protocol on Acoustic and Perceptual Measures of an SATB Chorus. *Jeremy Manternach and James Daugherty*

One-Time Voice Estimates vs. Three-Week Voice Log Estimates in Singers. *Troy Dargin and Jeff Searl*

Vocal Patterns of Males and Females Communicating with Live vs. Robotic Dogs and Cats. *Jennifer Riley and Linda Carroll*

Dispelling Myths about Injured Singers: How We Can Help the Singing Teacher. *Deirdre D. Michael*

Lessac Applications. *Troy Dargin and Kittie Verdolini*

Incidence of Vocal Injury among Male Gospel Quartet Singers: A Pilot Study. *Art Joslin*

Keynote Speakers

Renée Fleming is one of the most acclaimed singers of our time. Recipient of the National Medal of Arts, America's highest honor for an individual artist, and the 2013 Grammy Award for Best Classical Vocal Solo, she has sung for such occasions as the Nobel Peace Prize Ceremony and the Diamond Jubilee for Queen Elizabeth II at Buckingham Palace. In 2014, she made history as the first classical artist ever to sing "The Star-Spangled Banner" at the Super Bowl. "A superstar by any measure." (The New York Times). www.reneefleming.com

Lynn Holding's diverse singing career has spanned from early to contemporary music, with a special affinity for American art song and cabaret, performing throughout the United States, Italy, England, France, Germany, Spain, Australia, and Iceland. She is an associate editor of the Journal of Singing and author of the journal's "Mindful Voice" column, which illuminates current research in cognitive science. With the help of a dedicated group of fellow vocologists, she directed the founding of PAVA as a bona fide non-profit association as its first elected Chief Operating Officer. She is associate professor of practice in voice pedagogy at USC's Thornton School of Music. See: www.lynnholding.com.

Mara Behlau, SLP, PhD is the director of the CEV, where she coordinates a specialization program in voice. She is also permanent professor at the Graduate Program in Human Communication Disorders at UNIFESP-EPM, São Paulo, Brazil. She was president of the International Association of Logopedics and Phoniatrics - IALP and also the president of the Brazilian Association of Speech-Language Pathology and Audiology - SBFa.

Ingo R. Titze is a University of Iowa Foundation Distinguished Professor in the Department of Speech Pathology and Audiology and the School of Music at the University of Iowa. He also directs the National Center for Voice and Speech, which is located at the University of Utah. Dr. Titze has published over 350 articles in scientific and educational journals, authored books entitled Principles of Voice Production, The Myoelastic-Aerodynamic Theory of Phonation, and Fascinations with the Human Voice. He has recently completed his fourth book with Dr. Katherine Verdolini-Abbott, entitled Vocology.

PAVA thanks the following sponsors
for their generous support



www.pava-vocology.org

Pan American Vocology Association

PAVA
INAUGURAL SYMPOSIUM

October 9th - 11th, 2015

The University of North Carolina at Greensboro

Charter Board of Directors 2013-2015

Chief Operating Officer: Lynn Holding

Chief Development Officer: John Nix

Chief Financial Officer: Lynn Maxfield

Chief Information Officer: Eric Hunter

Linda Carroll, Star Cookman, James Daugherty

Kate DeVore, Marco Guzmán

Art Joslin, Scott McCoy, Leda Searce

Mara Kapsner-Smith, Martin Spencer, Ingo Titze

PAVA Board of Directors 2015-2017

President: Ingo Titze

President Elect: Leda Searce

Vice President: John Nix

Treasurer/Chief Financial Officer: Lynn Maxfield

Director of Membership: Matthew Hoch

Secretary/Information Officer: Matthew Edwards

Regional North Governors:

Western US and Western Canada: Karin Titze Cox

Eastern US and Eastern Canada: Kittie Verdolini Abbott

Midwestern US and Ontario: Martin Spencer

2015 PAVA Symposium Steering Committee:

Leda Searce, Chair

Lynn Maxfield, Eric Hunter, John Nix, Mara Kapsner-Smith
Martin Spencer, Robert Wells, Emily Scheuring, Tara Nixon

Lynn Holding, PAVA Chief Operating Officer

PAVA thanks UNC at Greensboro
School of Music, Theater and Dance for
their gracious and generous support in
hosting PAVA Symposium 2015

PAVA Symposium Schedule October 9-11th 2015

University of North Carolina at Greensboro

FRIDAY PROGRAM: Day 1 Location: *Recital Hall*

- 8:00 – 11:00 **2015 Board of Directors meeting.**
- 12:30 – 1:00 **Registration.**
- 1:00 – 1:15 **Welcome.** *Leda Scarce, Robert Wells*
- 1:15 – 2:00 **The History of PAVA. The Current State of PAVA.**
Lynn Holding
- 2:00 – 2:30 **Installation of Officers on New Board.**
- 2:30 – 3:10 **Interview with Special Guest, Renée Fleming.**
Ingo Titze
- 3:10 – 3:30 **Break**
- 3:30 – 3:45 **Explanation of Breakout Sessions.** *Eric Hunter*
- 3:45 – 4:45 **Breakout Session #1: Topic-based brainstorming and discussion.**
- 4:45 – 5:30 **Plenary Session #1.** *Lynn Maxfield*
- 5:30 – 5:45 **End of Day Remarks.** *Lynn Holding*

SATURDAY PROGRAM: Day 2 Location: *Room 217*

- 8:00 – 8:10 **Welcome and Introduction.** *Robert Wells*
- 8:10 – 8:55 **“Personal Lessons from More than 30 Uninterrupted Years of Vocal Clinic.”**
Keynote Speaker: Mara Behlau
- 8:55 – 9:10 **Vocal profile using a phonetic acoustic analysis voice of users with Parkinson Disease by stages of evolution.** *Mauricio Alfaro Calfullan*
- 9:10 – 9:25 **Voice Training in Mexico: CEUVOZ, an example for the Americas.** *Antonio Ocampo-Guzmán*
- 9:25 – 10:00 **Question & Answer Panel: The Pan American in PAVA.** *Mara Behlau, Mauricio Alfaro Calfullan, Antonio Ocampo-Guzmán, Ana Flavia Zuim, Moderator: Martin Spencer*
- 10:00 – 10:20 **Break.** Please visit poster presentations.
- 10:20 – 10:35 **Survey of Vocal Health Habits in Community Musical Theater Vocal Performers.** *Carly Cantor, Erin Donahue, Wendy LeBorgne, Matthew Garrett*
- 10:35 – 10:50 **Voice Teachers and Singing Voice Rehabilitation Specialists as part of the Extended Voice Team.**
Ana Flavia Zuim, Julia Gerhard, Esther Jane Hardenbergh
- 10:50 – 11:05 **Impact of Laryngologist and Speech Pathologist Co-Assessment on Outcomes and Billing Revenue.**
Juliana Litts, Jackie Gartner-Schmidt, Matthew Clary, Amanda Gillespie

- 11:05 – 11:20 **Evolution of a multidisciplinary voice care center: A 20-year perspective and update.**
Marci Rosenberg
- 11:20 – 11:55 **Question & Answer Panel: Multidisciplinary Practice.** *Panelists: Carly Cantor, Juliana Litts, Marci Rosenberg, Ana Flavia Zuim Moderator: Mara Kapsner-Smith*
- 11:55 – 1:10 **Provided Lunch & Posters**
- 1:10 – 1:15 **Welcome back and introduction to afternoon sessions.**
Martin Spencer
- 1:15 – 1:30 **The Use of SOVTs with Singers.**
Troy Clifford Dargin, Jeff Searl
- 1:30 – 1:45 **Habilitation and Rehabilitation Considerations for Working with Rock Singers.**
Matthew Edwards, Leda Scarce
- 1:45 – 2:00 **The Inner Workings of a Singing Session, Part Two.**
Deirdre D. Michael
- 2:00 – 2:15 **Question & Answer Panel.** *Troy Clifford Dargin, Matthew Edwards, Deirdre Michael, Moderator: Mara Kapsner-Smith*
- 2:15 – 2:50 **Panel. Turf Peace: An exploration of the roles of the speech-language pathologist, singing voice teacher, acting voice teacher, and singing voice specialist in rehabilitation of performers with vocal injuries.** *Tom Cleveland, Joan Lader, Bonnie Raphael, Joe Stemple Co-facilitators: Starr Cookman, Kate DeVore. Moderator: Leda Scarce*
- 2:50 – 3:15 **Break.** Please visit poster presentations
- 3:15 – 3:30 **5-10 Minutes a Day, Twice a Week: Teaching Vocology in the Choral Rehearsal.** *David Harris, Laurel Mehaffey*
- 3:30 – 3:45 **Effects of Equidistant and Unequal Inter-Chorister Spacing Conditions on the Long-term Average Spectra of an SATB Choir.** *James Daugherty*
- 3:45 – 4:00 **Parsing the Spectral Envelope: A Proposed Model for Integrating Psychoacoustic Concepts into Formant Theory.** *Ian Howell*
- 4:00 – 4:15 **Performance practice and vocal registration in Gustav Mahler's ‘Lieder eines fahrenden Gesellen’.**
Tod Fitzpatrick, William McCullough, Chris Withrow
- 4:15 – 4:30 **Mechanisms of Fatigue Resistance: Application to Vocal Performance.** *Mary Sandage, Matthew Hock*
- 4:30 – 4:45 **Theory to Application: The Transition from Physical Principle to Kinesthetically Adjusted Behavior.**
Kenneth Bozeman
- 4:45 – 5:15 **Question & Answer Panel.** *Kenneth Bozeman, James Daugherty, Tod Fitzpatrick, David Harris, Ian Howell, Mary Sandage. Moderator: John Nix*
- 5:15 – 5:30 **End of day remarks.** *Lynn Maxfield*

Evening Entertainment: *Bel Canto*

SUNDAY PROGRAM: Day 3 Location: *Room 217*

- 8:00 – 8:10 **Welcome and Introduction.** *Ingo Titze*
- 8:10 – 8:25 **Collegiate Voice Pedagogy Analysis of Current Practices.** *David Meyer, Eva van Leer*
- 8:25 – 8:40 **Of Charlatans, Humbugs, and Pocketbooks: Advocacy of Standards, Education, and Certification for Voice Teachers in the NATS publication, The Bulletin, 1944-1955.** *Amelia Rollings*
- 8:40 – 9:10 **To Credential or Not to Credential, That is the Question!** *Allen Henderson*
- 9:10 – 9:40 **Question & Answer Panel.** *Allen Henderson, David Meyer, Amelia Rollings. Moderator: John Nix*
- 9:40 – 10:30 **Breakout Session #2: Growing Vocology.**
Moderator: Karin Titze Cox
- 10:30 – 10:45 **Break.** Please visit poster presentations
- 10:45 – 11:35 **Plenary Session #2:** *Lynn Holding*
- 11:35 – 12:15 **President's Address.** *Ingo Titze*
- 12:15 – 12:30 **Closing.** *Lynn Holding*
- End of Symposium. Thanks for your participation!*
- 1:00 – 4:00 **New Officers' Meeting** (lunch provided)

Course Objectives

- Increase understanding of recent technological, scientific and clinical advances in the study of the vocology, the science and practice of vocal habilitation and rehabilitation.
 - Increase knowledge in the training of voice and treatment of voice disorders.
 - Increase understanding in techniques used to measure voice and voice production towards voice examinations/evaluations, therapy and teaching techniques;
 - Foster the advancement of the scientific study of voice for artistic and professional use by fostering vocology in all countries of the Western Hemisphere through research, dissemination of knowledge, training, and the creation and development of professional standards and credentials in voice habilitation and rehabilitation.
- This course is offered for up to 1.4 ASHA CEUs (Intermediate level, Professional Area)



Michigan State University is approved by the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-language pathology

and audiology. **See course information for number of ASHA CEUs, instructional level and content area.** ASHA CE Provider approval does not imply endorsement of course content, specific products or clinical procedures.