

CHRISTINE M. SAPIENZA

WORK ADDRESS

Department of Communication Sciences and Disorders
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1601 SW Archer Road
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Gainesville, Florida 32608
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CITIZENSHIP: U.S.A.

PROFESSIONAL POSITIONS

UNIVERSITY OF FLORIDA, Dept. of Communication Sciences and Disorders, Gainesville Florida

Chairperson: 2005-current
Professor – awarded 2005
Associate Chair: 2003-2005
Associate Professor – awarded 1999
Assistant Professor: 1993-1998
Specialty Area: Voice and Speech Science
College of Liberal Arts and Sciences

Department Overview. 15 tenured faculty, 6 clinical staff, 4 office staff, 700 UG, 110 MA SLP, 61AuD, 22 Ph.D students, 220 distance learning AuD students. Visit www.csd.ufl.edu

BRAIN REHABILITATION RESEARCH CENTER (VA RR & D CENTER OF EXCELLENCE), Gainesville, Florida

Research Health Scientist
Oral Motor Initiative Leader
August 2005-present

**UNIVERSITY OF FLORIDA, Institute for the Advance Study of
Communication Processes**

Gainesville, FL
August 1994-present
Associate Director
College of Liberal Arts and Sciences

**STATE UNIVERSITY OF NEW YORK AT BUFFALO
Department of Communicative Disorders**

Buffalo, NY
Research Associate - National Institutes Health Grant: *Children's
Mechanisms for Varying Vocal Intensity*
1991-1993
Non-Tenure-Accruing Position

EDUCATION:

State University of New York at Buffalo, Graduate School, Department of
Communicative Disorders, Doctoral Degree (Ph.D.) in Speech Science
(Awarded in 1993). Dissertation entitled "*Respiratory and Laryngeal
Assessment of Children and Women with Bilateral Vocal Fold Nodules.*"

State University of New York at Buffalo, Graduate School, Department of
Communicative Disorders, Masters of Arts Degree (M.A.) in Communication
Sciences, (Awarded in 1989).

State University of New York at Buffalo, Undergraduate School, Department
of Communicative Disorders, Baccalaureate of Arts Degree (B.A.) in
Communication Sciences, (Awarded in 1987).

COURSE TEACHING EXPERIENCE

Voice Disorders
Anatomy & Physiology
Neuroanatomy
Research Methods
Instrumentation
Neuromotor Disorders
Speech Acoustics
Clinical Diagnostics

TEACHING HONORS

Nomination 2006-2008 Dissertation Advising Award
Nomination for 2002, 2004 Faculty Advising Award
Nomination for 1998, 2000, 2002, 2004 Faculty Teaching Award

Nomination for 2002 CLAS Term Professor
Nomination for 2001 Dissertation Advising Award
Nomination for 1997, 1999, 2001 Faculty Advising Award
1996, 1997 Anderson Scholar Faculty Honoree
Recognized at 1996 Fall Academic Convocation for Teaching
1996 Teaching Incentive Program (TIP) Award Winner

OTHER HONORS

Kay Pentex Speaker: ASHA 2009
ASHA Fellow, 2005
Herb and Catherine Yardley CLAS term professor 2000-2001
ASHA ACE Award 2002-2004
ASHA ACE Award 2004-2007

PUBLICATIONS

REFERRED JOURNALS

Bolded names are Dr. Sapienza's current or past graduate students and/or post-docs.

Troche, M.S., Okun, M.S., Rosenbek, J.C., Musson, N., Fernandez, H.H., Rodriguez, R.R., Romrell, J., Pitts, T., Wheeler-Hegland, K., & Sapienza, C.M. (submitted). **A**spiration and **S**wallowing in **P**arkinson's Disease and **R**ehabilitation with **EMST**: The **ASPIRE** Study. *JAMA*.

Nocera, J., Altmann, L., Sapienza, C.M., Okun, M., & Hass, C. (submitted). Can Exercise improve language and cognition in Parkinson's disease? A Case Report (NNR-08-0328). *Neurorehabilitation and Neural Repair*

Vovk, A., Davenport, P.W., **Wheeler-Hegland, K.**, Morris, K.F., Sapienza, C.M., & Bolser, D. (invited, 2009). Swallow Pattern Generator Reconfiguration of the Respiratory Neural Network. *ASHA SID 13 Division Newsletter*.

Plowman-Prine, E.K., Pollock, S., Okun, M.S., Sapienza, C., Bowers, D., Jacobson, C., Wu, S., & Rosenbek, J.C. (in press). Swallowing, depression and Quality of Life in Parkinson's disease: An Emerging Story. *Movement Disorders*.

Plowman-Prine, E. K., Okun, M. S., Sapienza, C. M., Shrivastav, R., Fernandez, H., Foote, K.D., Ellis, C., Rodriguez, A.R., Burkhead, L.M., & Rosenbek, J.C. (in press). Perceptual Characteristics of Parkinsonian Speech: A comparison of the pharmacological effects of levodopa across speech and non-speech motor systems. *Journal of Neurorehabilitation*, 24, 1-13.

Pitts, T., Bolser, D., Rosenbek, J., **Troche, M.,** Okun, M., Sapienza, C.M. (2009). Impact of Expiratory muscle strength training on voluntary cough and swallow function in Parkinson's disease. *Chest. Epub ahead of print.*

Pitts, T., Bolser, D., Rosenbek, J., **Troche, M.,** & Sapienza, C. (2008). Voluntary cough production and swallow dysfunction in Parkinson's disease. *Dysphagia, 23, 3,* 297-301. *Epub ahead of print.*

Ludlow, C.L., Adler, C.H., Berke, G.S., Bielamowicz, S.A., Blitzler, A., Bressman, S., Hallet, M., Jinnah, H.A., Juergens, U., Perlmutter, J.S., Sapienza, C., Singleton, A., Tanner, C., & Woodson, G.E. (2008). Research profiles in spasmodic dysphonia: Report of the NIH Research planning workshop. *American Academy of Otolaryngology – Head and Neck Surgery.*

Troche, M., & Sapienza, C. (2008). Effects of levodopa on speech timing in patients with idiopathic Parkinson's disease. www.speechpathology.com (peer-reviewed).

Wheeler, K., Rosenbek, J., & Sapienza, C.M. (2008). Submental EMG hyoid movement during Mendelsohn maneuver, Effortful swallow and expiratory muscle strength training. *Journal of Speech Language and Hearing Research.22, Epub ahead of print.*

Kim J., Davenport, P., Sapienza, C.M. (2008). Effect of expiratory muscle strength training on elderly cough function. *Archives of Gerontology and Geriatrics, 1856,* 1-6

Sapienza, C.M. (2008, invited). Respiratory muscle strength training. *Current Opinion in Otolaryngology and Head and Neck Surgery, 16, 3,* 216-220.

Wheeler, K.M., Huber, J.E., **Pitts, T.,** & Sapienza, C.M. (2008). Lung volume during swallowing: Single bolus swallows in healthy young adults. *Journal of Speech, Language and Hearing Research, 22, Epub ahead of print*

Sapienza, C.M., **Wheeler-Hegland, K.,** Stewart, K., & Nocera, J. (2008). Exercise prescription for dysphagia: Intensity and duration manipulation. *SID 13: Perspective on Swallowing and Swallowing Disorders.* ASHA.

Gonzalez, L.J., Musson, N., Rosenbek, J.C., & Sapienza, C.M. (2008). Neuroplasticity and rehabilitation research for speech, language, and swallowing disorders. *Journal of Speech Language and Hearing Research, 51,1,* 222-4. Review.

Ludlow, C.L., Hoit, J., Kent, R., Ramig, L., Shrivastav, R., Smith, A., Stathopoulos, E., Strand, E., Yorkston, K., & Sapienza, C. (2008). Translating principles of neural

plasticity into research on speech motor control recovery and rehabilitation. *Journal of Speech, Language and Hearing Research*, 51, S240-258.

Troche, M., Rosenbek, J., & Sapienza, C. (2008). Effects of bolus consistency on timing and safety of swallow in patients with Parkinson's disease. *Dysphagia*, 23, 1, 26-32.

Sapienza, C., **Wheeler-Hegland, K.M.**, Stewart, K., & Nocera, J. (2008). Exercise prescription for dysphagia: Intensity and duration manipulation (Invited). *Perspectives on Swallowing and Swallowing Disorders*. ASHA, Division 13, 50-58.

Chhabra, A., & Sapienza, C. (2007). A review of neurogenic and myogenic adaptations associated with specific exercise. *Communicative Disorders Review*, 1, 3-4, 175-194.

Sapienza, C.M., & **Troche, M.** (2007). Take 2 swallows and call me in the morning. SID 13 invited contribution. *American Speech Language and Hearing*.

Burkhead, L.M., Sapienza, C.M., Rosenbek, J. (2007). Strength-training exercise in dysphagia rehabilitation: Principles, procedures and directions for future research. *Dysphagia*, 22, 3, 251-265.

Wheeler, K., Chiara, T., & Sapienza, C. (2007). Surface electromyographic activity of the submental muscles during swallow and expiratory pressure threshold training tasks. *Dysphagia*, 22, 2, 108-116.

Wingate, J.W., Sapienza, C.M., Shrivastav, R., & Brown, W.S. Treatment outcomes for professional voice users. (2007). *Journal of Voice*, 21, 4, 433-449.

Chiara, T., Sapienza, C.M., & Martin, D. (2007). Expiratory muscle strength training: Speech production outcomes in patients with Multiple Sclerosis. *Neural Rehabilitation and Neural Repair (NNR)*, 21, 3, 239-249.

Sapienza, C.M. & **Wheeler, K.M.** (2006). Respiratory muscle strength training: Functional outcomes versus plasticity. *Seminars in Speech and Language* for a special edition called *New Frontiers in Dysphagia Rehabilitation*, 27, 4, 236-244.

Shrivastav, R. & Sapienza, C. (2006). Some difference limens for the perception of breathiness. *Journal of the Acoustical Society of America*, 120, 1, 416-23.

Jones, H.N., Donovan, N.J., Sapienza, C.M., Fernandez, H.H. & Rosenbek, J.C. (2006). Expiratory muscle strength training in the treatment of a severe mixed dysarthria in a patient with Lance-Adams syndrome. *Journal of Medical Speech Language Pathology*, 14, 3, 207-217.

Mendes, A.P., Brown, W.S., Sapienza, C.M. & Rothman, H. (2006). Effects of vocal training on respiratory kinematics during singing tasks. *Folia Phoniatrica*, 58, 363-377.

Silverman, E.P., Sapienza, C.M., Saleem, A., **Carmichael, C.**, Davenport, P.W., **Hoffman-Ruddy, B.**, & Okun, M.S. (2006). Tutorial on maximum inspiratory and expiratory mouth pressures in individuals with idiopathic Parkinson disease (IPD) and the preliminary results of an expiratory muscle strength training program. *NeuroRehabilitation*, 2, 1, 71-9.

Wheeler, K.M., Collins, S., & Sapienza, C.M. (2006). The relationship between VHI scores and acoustic measures of disordered voice production. *Journal of Voice*, 20, 2, 308-317.

Baker, S.E., Davenport, P.D. & Sapienza, C.M. (2005). Examination of training and detraining effects in expiratory muscles. *Journal of Speech, Language and Hearing Research*, 48, 6, 1-9.

Saleem, A.F., Sapienza, C.M., & Okun, M. (2005) Response to respiratory muscle strength training and its treatment duration in a patient with Early Idiopathic Parkinson's disease. *Neurorehabilitation*, 20, 4, 323-333.

Natour, Y., Cimino-Knight, A., **Wingate, J.**, Sapienza, C.M. (2005). The consistency of Kay Elemetrics multidimensional voice program (MDVP) for the acoustic analysis of adductor spasmodic dysphonia. *Florida Journal of Communication Disorders*, 21, 20-23.

Shrivastav, R., & Sapienza, C.M. (2005). Application of psychometric theory to the measurement of voice quality using rating scales. *Journal of Speech Language and Hearing Research*, 48, 2, 323-335.

Kim, J., & Sapienza, C.M. (2005). Implications of expiratory muscle strength training in the elderly. *Journal of Rehabilitation Research and Development*, 2, 211-24.

Wingate, J., **Hoffman-Ruddy, B.**, Lundy, D., Lehman, J., Casiano, R., Collins, S., & Woodson, G. (2005). Voice Handicap Index results for older patients with adductor spasmodic dysphonia. *Journal of Voice*, 19, 1, 124-131.

Gu, L., Harris, J.G., Shrivastav, R., & Sapienza, C. (2005). Disordered speech assessment using automatic methods based on quantitative measures. EURASIP. Journal on Applied Signal Processing.

Wheeler, K., & Sapienza, C.M. (2005). Swallowing and respiration: Shared Neural substrates. www.speechpathology.com.

Hoffman-Ruddy, B., & Sapienza, C.M (2004). Treating voice disorders in the school based setting: working in the framework of IDEA. *Language, Speech and Hearing in the Schools*, 35, 4, 327-332.

Sapienza, C.M., **Hoffman-Ruddy, B.,** & **Baker, S.** (2004). Anatomical and physiological features of the pediatric larynx. *Language, Speech and Hearing in the Schools*, 35, 4, 299-307.

Bruce, B.B., Foote, K.D., Rosenbek, J., Sapienza, C.M., Romrell, J.J., Crucian, G., & Okun, M.S. (2004). Aphasia and thalamotomy: Important issues. *Stereotactic Functional Neurosurgery*, 82, 4, 186-190.

Ruddy, B., Sapienza, C.M., Davenport, P.D., Baylor, J., Lehman, J., Baker, S., & Sapienza, C.M. (2004). Inspiratory muscle strength training and behavioral therapy in a case of a rower with exercise induced paradoxical vocal fold dysfunction. *International Journal of Pediatric Otorhinolaryngology*, 68, 10, 1327-1332.

Mendes, A.P., Brown, W.S., Jr., Rothman, H.B., & Sapienza, C. (2004). Effect of singing training on the speaking voice of voice majors. *Journal of Voice*. 18, 1, 83-9.

Diaz, J.A., Sapienza, C.M., Rothman, H., Natour, Y. (2003). Robust algorithm for the detection of the voice fundamental frequency based on the spectrogram. *Rev.ista Ingeneria*, 10, 3, 7-16.

Pearson, E., & Sapienza, C.M. (2003). Historical approaches to the treatment of adductor-type spasmodic dysphonia (ADSD): Review and Tutorial. *Journal of Neurorehabilitatio*, 18, 4, 325-38.

Shrivastav, R., & Sapienza, C.M. (2003). Objective measures of breathy voice quality obtained using an auditory model. *Journal of the Acoustical Society of America*, 114, 4, 2217-2224.

Wingate, J., & Sapienza, C.M (2003). Principles of voice therapy. *American Academy of Otolaryngology*. Invited submission.
www.entlink.net/education/index.cfm.

Baker, S., Sapienza, C., Davenport, P., Martin, D., **Hoffman, B.,** Woodson, G. (2003). Inspiratory muscle strength training: A case of bilateral abductor vocal fold paralysis. *Journal of Voice*, 17, 3, 84-394.

Roy, N., Weinrich, B., Gray, S., Tanner, K., Stemple, J. & Sapienza, C.M. (2003). Three treatments for teachers with voice disorders: A randomized clinical trial . *Journal of Speech Language and Hearing Research*, 46, 670-688.

Baker, S., Sapienza, C.M., & Collins, S. (2003). Inspiratory pressure threshold training in a case of congenital bilateral abductor paralysis. *International Journal of Pediatric Otorhinolaryngology*, 67, 413-416.

Davenport, P.W., Sapienza, C.M., & Bolser, D.G. (2002). Psychophysical assessment of the urge-to-cough. *European Respiratory Review*, 12, 1-5.

Sapienza, C.M., Davenport, P.D., & Martin, A.D. (2002). Expiratory muscle training increases pressure support in high school band students. *Journal of Voice*, 16, 4, 495-510.

Kricos, P., Sapienza, C., **Nandur, V.**, & Crandell, C. (2002). Acoustic characteristics of clear speech: Training effects. In Plant, G (Editor). 2002. "Proceedings of the First International Adult Aural Rehabilitation Conference," Hearing Rehabilitation Foundation, Somerville, ME.

Cimino-Knight, A.M., **Natour, Y.**, **Wingate, J.**, & Sapienza, C.M. (2002). The consistency of the Kay Elemetrics Multidimensional Voice Program for the acoustic analysis of adductor spasmodic dysphonia. *Florida Journal of Communication Disorders*, February issue.

Sapienza, C.M., Cannito, M., Murry, T., Branksi, R., & Woodson, G.E (2002). Acoustic variation in spasmodic dysphonia; Post Botox. *Journal of Speech Language and Hearing Research*, 45, 5, 830- 843.

Natour, Y., Cimino-Knight, **Wingate, J.**, & Sapienza, C.M. (2002). The consistency of Kay Elemetrics multidimensional voice program (MDVP) for the acoustic analysis of dysphonic voice. *Florida Journal of Communication Disorders*, 20, 23-27.

Schmalz, M.S., Natour, Y., Sapienza, C.M., & Ritter, G. (2001). Accuracy of laryngeal measurements from digital endoscopic imagery. Effects of compression. Proceedings for the Session on Medical Imaging and Image Analysis/Indexing/Retrieval, 5th World Multi-Conference on Systemics, Cybernetics and Informatics (SCI 2000). Orlando July 22-25, 2001.

Edgar, J.D., Sapienza, C.M., Bidus, K., & Ludlow, C.L. (2001). Acoustic measures of symptoms in abductor spasmodic dysphonia. *Journal of Voice*, 15, 3, 362-372.

Hoffman-Ruddy, B., Lehman, J., Crandell, C., Ingram, D. & Sapienza, C. (2001). Laryngoscopic, acoustic, and environmental characteristics of high-risk vocal performers. *Journal of Voice*, 15, 4, 543-552.

Hoffman-Ruddy, B., Sapienza, C.M., Crandell, C., & Lehman, J. (2001). Acoustic and environmental effects of the high-risk performance. *Proceedings for the 17th International Congress on Acoustics*, Rome, Italy.

Sapienza, C.M., **Hoffman-Ruddy, B.** Davenport, P., Martin, D., & Lehman, J. (2001). Acoustic and physiological characteristics of high-risk vocal performers following expiratory pressure threshold training. *Proceedings for the 17th International Congress on Acoustics*, Rome, Italy.

Rothman, H., Brown, W.S. Jr., Sapienza, C.M., & Morris, R. (2001). Acoustic analysis of trained singers perceptually identified from speaking samples. *Journal of Voice*, 15, 25-35.

Cimino, A.M., & Sapienza, C.M. (2001). Consistency of voice produced by patients with adductor spasmodic dysphonia. *Journal of Speech Language and Hearing Research*, 44, 4, 793-802.

Sapienza, C.M., **Walton, S.**, & Murry, T. (2000). Adductor spasmodic and muscular tension dysphonia: Acoustic analysis of sustained phonation and reading. *Journal of Voice*, 14, 502-520.

Sapienza, C.M., **Natour, Y.**, Schmalz, M., & Ritter, G.X. (2000). Analysis error in measuring laryngeal size parameters from compressed imagery. *Proceeding SPIE, International Society for Optical Engineering*, 4412, 1-14.

Brown, W.S., Rothman, H., & Sapienza, C.M. (2000). Perceptual and acoustic study of professionally trained versus untrained voices. *Journal of Voice*, 14, 3, 301-309.

Sapienza, C.M., Walton, S., & Murry, T. (2000). Adductor spasmodic dysphonia and muscular tension dysphonia: Acoustic analysis of sustained phonation and reading. *Journal of Voice*, 14, 3, 301-310.

Cimino, A.M., & Sapienza, C.M. (2000). Reliability of Kay Elemetrics Multidimensional Voice Program for the acoustic analysis of voice. *The Florida Journal of Communication Disorders*.

Schulz, G.M., Peterson, T., Sapienza, C.M., Berham, A. Light, K., Greer, M., & Friedman, W. (1999). Voice and speech characteristics pre and post pallidotomy surgery: Preliminary findings. *Journal of Speech, Language and Hearing Research*, 42, 1176-1194.

Smith-Hammond, C., Gaeta, C., Sapienza, C.M., & Davenport, P.W. (1999). Respiratory related evoked potential elicited by expiratory occlusion. *Journal of Applied Physiology*, 87, 2, 835-842.

Sapienza, C.M. & Hoffman, B. (1999). Documentation of clinical features. *Proceedings of the Child Voice Symposium*. KTH, Sweden: Singular Publishing Group, Inc.

Sapienza, C.M., Brown, J., & Davenport, P.D. (1999). Inspiratory pressure threshold training for glottal airway limitation in laryngeal papilloma. *Journal of Voice*, 13, 3, 382-388.

Sapienza, C.M., Crandell, C.C., & Curtis, C. (1999). Effects of sound-field amplification on reducing teacher's sound pressure level in the classroom. *Journal of Voice*, 13, 3, 375-381.

Sapienza, C. M., **Walton, S.**, & Murry, T. (1999). Acoustic variations in adductor spasmodic dysphonia as a function of speech task. *Journal of Speech, Language and Hearing Research*, 42, 1, 127-140.

Crary, M.A., Sapienza, C.M., Cassisi, N., & Moore, P. (1998). Treatment of contact granuloma with steroid injections. *American Journal of Speech Language Pathology*, 7, 92-96.

Sapienza, C.M. (1998). Aerodynamic influences on voice production. *Otolaryngology & Head and Neck Surgery*, 6, 156-160.

Sapienza, C.M., Stathopoulos, E.T., & Dromey, C. (1998). Approximations of open and speed quotient from glottal airflow and EGG waveforms: Effects of measurement criteria and sound pressure level. *Journal of Voice*, 12, 31-34.

Sapienza, C.M., Murry, T., & Brown, W.S. (1998). Variations in adductor spasmodic dysphonia: acoustic evidence. *Journal of Voice*, 12, 2, 214-222.

Sapienza, C.M. (1997). Aerodynamic and acoustic characteristics of the adult African American voice. *Journal of Voice*, 11, 4, 410-416.

Stathopoulos, E.T., & Sapienza, C.M. (1997). Developmental changes in laryngeal and respiratory function with variations in sound pressure level. *Journal of Speech Language and Hearing Research*, 40, 595-614.

Sapienza, C.M., Stathopoulos, E.T., & Brown, W.S. (1997). Speech breathing during reading in women with vocal nodules. *Journal of Voice*, 11,2, 195-201.

Sapienza, C.M. (1996). Glottal airflow: Instrumentation and interpretation. *The Florida Journal of Communication Disorders*, 16, 3-7.

Sapienza, C.M., & Dutka, J. (1996). Glottal airflow characteristics of women's voice production along an aging continuum. *Journal of Speech and Hearing Research*, 39, 322-328.

Sapienza, C.M., Brown, W.S., Williams, W.N., Wharton, P.W., & Turner, G.E. (1996). Respiratory and laryngeal function associated with experimental coupling of the oral and nasal cavities. *The Cleft Palate-Craniofacial Journal*, 33, 2, 118-126.

Sapienza, C.M., Crary, M.A., & Gorham, M. (1996). Laryngeal aerodynamic aspects of women with adductor spasmodic dysphonia. *Archives of Otolaryngology - Head & Neck Surgery*, 122, 383-388.

Sapienza, C.M., & Stathopoulos, E.T. (1995). Speech task effects on acoustic and aerodynamic measures of women with vocal nodules. *Journal of Voice*, 9, 4, 423-428.

Sapienza, C.M., & Stathopoulos, E.T. (1994). Respiratory and laryngeal measures of children and women with bilateral vocal nodules. *Journal of Speech and Hearing Research*, 37, 1229-1243.

Sapienza, C.M., & Stathopoulos, E.T. (1994). Maximum flow declination rate as measured in children and adults. *Journal of Voice*, 8, 3, 240-247.

Sussman, J., & Sapienza, C.M. (1994). Articulatory, developmental, and gender effects on measures of fundamental frequency and jitter. *Journal of Voice*, 8, 2, 145-156.

Stathopoulos, E.T., & Sapienza, C.M. (1993). Respiratory and laryngeal function of children during vocal intensity variation. *Journal of Acoustical Society of America*, 94, 2531-2543.

Stathopoulos, E.T., & Sapienza, C.M. (1993). Respiratory and laryngeal function of women and men during vocal intensity variation. *Journal of Speech and Hearing Research*, 36, 64-75.

Dromey, C.D., Stathopoulos, E.T., & Sapienza, C.M. (1992). Glottal airflow and electroglottographic measures of vocal function at multiple intensities. *Journal of Voice*, 6, 1, 44-54.

Note: Review Process for each of the above-mentioned journals includes peer review by 3 reviewers, an Associate Editor, and Editor.

Non-Refereed Publications:

Troche, M., & Sapienza, C.M. (invited) The use of expiratory muscle strength training in Parkinson's disease. Parkinson Report invited contribution, due out Fall 2007.

Troche, M., & Sapienza, C.M. (invited). Expiratory muscle strength training for Parkinson's disease. PADREC invited contribution. Published Summer 2007, Volume 5, Issue 2.

Sapienza, C.M., & **Troche, M.** (invited) Take 2 swallows and call me in the morning. SID 13 invited contribution. ASHA, due out May, 2007.

Wheeler, K., & Sapienza, C.M. (2005). Swallowing and respiration: Shared neural substrates. www.speechpathology.com.

Sapienza, C.M. (2002). Noninstrumental measures of speech and voice. Special Interest Division 3 newletter.

Natour, Y., Sapienza, C.M., Schmalz, M., & Collins, S. (2000). Digital Image Analysis of the Larynx. Special Interest Division Journal Newsletter. SID 5. *American Speech-Language and Hearing Association.*

REVIEWS

Sapienza, C.M. (2000). Clinical Measurement of Speech and Voice. 2nd Edition. Doody's Review Service (on-line). Available: <http://www.doody.com>.

Sapienza, C.M. (1999). Neuroscience of Communication (2nd edition). Singular Publishing Group, Inc. Doody's Review Service (on-line). Available: <http://www.doody.com>.

BOOKS

Sapienza, C.M., & **Hoffman-Ruddy, B.** (2008). *Voice Disorders*: Plural Publishing.

Sapienza, C.M. & Casper, J.C. (eds). (2004). *For Clinicians by Clinicians. Vocal rehabilitation in medical speech language pathology*. Pro-Ed. Austin, Tx.

Sapienza, C.M., **Hoffman, B.**, and collaborators (2001). *Excellence in Singing: Managing Vocal Health*. Caldwell Publishing. Redmond, WA.

Hoffman-Ruddy, B., & Sapienza, C.M. (2003). *Be Outspoken*. American Parkinson Disease Association, Inc. Staten Island, NY.

BOOK CHAPTERS

Sapienza, C.M., **Wheeler, K., Chhabra, A.** (in press). Pulmonary function evaluation. NeuroLaryngology, 3rd edition.

Sapienza, C.M. & Woodson, G.E. (2007). Assessment of Vocal Function. 17th Edition of Ballenger's Otorhinolaryngology Head and Neck Surgery. BC Decker.

Sapienza, C.M., & Hicks, D. (2005). Voice Disorders. In: Shames, Wig & Secord (eds). Human Communication Disorders: An introduction, 7th edition.

Davenport, P., & Sapienza, C.M. (2004). Pulmonary Function and breathing for speech. In: Sapienza Casper (eds). In Vocal Rehabilitation for Medical Speech Language Pathology. Pro-Ed. Austin, Tx.

Sapienza, C.M., & Hicks, D. (2001). Voice Disorders. In: Shames, Wig & Secord (eds). Human Communication Disorders: An introduction, 6th edition.

Hoffman, B., Lehman, J.J., & Sapienza, C.M. (2000). The "High Risk" Performer with Functional Dysphonia: A case of Vocal Polyps. In: Stemple, J.C (ed). Clinical Case Studies. Singular Publishing, p. 362-373.

Sapienza, C.M., Stathopoulos, E.T., & Schulz, G.M. (1996). Glottal airflow measures - what do they tell us about voice disorders. In: Marc Marchesan, I.Q., Gomes, I.C.D., & Zorzi, J.L. (Eds). Topicos em Fonoaudiologia, Vol III. San Paulo, Lovise, 525-538.

Cassisi, N., Sapienza, C.M., & Vinson, B. (1996). Malignant lesions of the larynx. In: Brown, W.S., Crary, M.A. & Vinson, B. (Eds.). Organic Voice Disorders. Singular Press.

Sapienza, C.M., **Dutka, J.,** & Stathopoulos, E.T. (1994). Laryngeal aerodynamic analysis of voice. In: Marc Marchesan, I.Q., Gomes, I.C.D., & Zorzi, J.L. (Eds.). Topicos em Fonoaudiologia, Vol III. San Paulo, Lovise, 323-330.

INTERNATIONAL, NATIONAL, AND STATE CONFERENCE PRESENTATIONS

Sapienza, C.M. Respiratory muscle strength training: clinical outcomes (invited). Illinois Speech-Language and Hearing Association. February 2009. Chicago, Illinois.

Plowman-Prine, E.K., Okun, M.S., Sapienza, C.M., Pollock, S.L., Jacobson, C., Troche, M.S., Wu, S.S., Rosenbek, J.C. *The Relationship between Quality of Life and Swallowing in Parkinson's Disease: A Preliminary Investigation.* The Movement Disorder Society's 13th International Congress of Parkinson's Disease

and Movement Disorders, June7-11, 2009, Paris, France.

Plowman-Prine, E.K., Okun, M.S., Sapienza, C.M., Pollock, S.L., Jacobson, C., Troche, M.S., Wu, S.S., Rosenbek, J.C. *Impairment in Communicative Effectiveness in Parkinson's Disease*. The Movement Disorder Society's 13th International Congress of Parkinson's Disease and Movement Disorders, June7-11, 2009, Paris, France.

Plowman-Prine, E.K., Troche, M.S., Rosenbek, J.C., Okun, M.S., Sapienza, C.M. *The Relationship between Quality of Life and Swallowing in Parkinson's Disease: The Effects of Depression*. International Congress of Parkinson's Disease and Movement Disorders, June7-11, 2009, Paris, France.

Plowman-Prine, E.K., Thomas, N.J., Fowler, S.C., Sapienza, C.M., Kleim, J.A. *Neural Correlates of Corticobulbar and Corticospinal Dysfunction in Parkinson's Disease*. International Congress of Parkinson's Disease and Movement Disorders, June7-11, 2009, Paris, France.

Troche, M.S., Fernandez, H.H., Okun, M.S., Rodriguez, R.L., Rosenbek, J.C., & Sapienza, C.M. Rehabilitation of dysphagia in Progressive Supranuclear Palsy. Submitted for presentation at 2009 13th International Congress of PD and Movement Disorders. June 2009: Paris, France.

Troche, M.S., Okun, M.S., Rosenbek, J.C., Musson, N., Fernandez, H.H., Rodriguez, R., Romrell, J., & Sapienza, C.M. Aspiration and swallowing in Parkinson's disease and rehabilitation with EMST: The ASPIRE Study. Submitted for presentation at 2009 13th International Congress of PD and Movement Disorders. June 2009: Paris, France.

Troche, M.S., Altmann, L.J.P., Fernandez, H.H., Okun, M.S., & Sapienza, C.M. Sentence production in Parkinson's disease: Effects of conceptual and task complexity. Submitted for presentation at 2009 13th International Congress of PD and Movement Disorders. June 2009: Paris, France.

Troche, M., Okun, M., Rosenbek, J.C., & Sapienza, C.M. Aspiration and swallowing in Parkinson's disease and rehabilitation with EMST: The ASPIRE. Movement Disorders Conference, Paris. June 2009: Paris, France

Plowman-Prine, E.K., Pollock, S.L., Okun, M.S., Sapienza, C.M., & Rosenbek, J.C. Impairment in communicative effectiveness in Parkinson's disease. 61st Annual Meeting of the American Academy of Neurology. Seattle, WA: April, 2009.

Plowman-Prine, E.K., Thomas, N., Fowler, S.C., Sapienza, C.M., & Kleim, J.A. Animal model of corticobulbar and corticospinal dysfunction in Parkinson's disease. 61st Annual Meeting of the American Academy of Neurology. Seattle, WA: April, 2009.

Plowman-Prine, E.K., Sapienza, C.M., Okun, M.S., Pollock, S.L., Jacobson, C., & Rosenbek, J.C. The relationship between quality of life and swallowing in Parkinson's Disease. 61st Annual Meeting of the American Academy of Neurology. Seattle, WA: April, 2009.

Plowman-Prine E.K, Sapienza, C.M, Okun, M.S., Pollock, S.L, Rosenbek, J.C. *Swallow-Related Quality of Life in Parkinson's Disease.* 17th Annual Dysphagia Research Society Annual Convention Program. March, 2009/

Wheeler-Hegland, K., Huber, J., Pitts, T.E., & Sapienza, C.M. Lung volume during sequential swallowing in healthy adults. Dysphagia Research Society, New Orleans, LA: March, 2009.

Troche, M. Swallow outcomes following intervention with expiratory muscle strength training (EMST) in Parkinson's disease: Results of a randomized clinical trial. Dysphagia Research Society. New Orleans, LA: March, 2009.

Pitts, T., Wheeler, K., Chan, P.S., Sapienza, C.M., & Davenport, P.D. Oropharyngeal mechanically elicited cortical evoked potentials (CEP). Dysphagia Research Society. New Orleans, LA: March, 2009.

Bowers, D., Springer, W.S., Mikos, A.E., Syme, M., Sapienza, C.M., Fernandez, H.H., & Okun, M. Dopamine and masked faces in Parkinson disease: Timing is key. International Neuropsychological Society. Atlanta, GA: February, 2009.

Altmann, L.J., Nocera, J., Hass, C.J., & Sapienza, C.M. Exercise effects on cognition and language in Parkinson's disease: A case study. International Neuropsychological Society. Atlanta, GA: February, 2009.

Troche, M.S., & Sapienza, C.M. (invited). Strength training with PSP for Dysphagia. CurePSP. Virginia: November, 2008.

Troche, M.S., Huebner, I., Rosenbek, J.C., Fernandez, H., & Sapienza, C.M. Examining timing and safety of swallow in Progressive Supranuclear Palsy (PSP). Accepted for presentation at 2008 American Speech-Language-Hearing (ASHA) Convention. Chicago, IL: November, 2008.

Plowman-Prine E.K, Sapienza, C.M, Okun, M.S., Pollock, S.L, Rosenbek, J.C. *Quality of Life and Communication Effectiveness in Parkinson's Disease.* American Speech and Hearing Association Annual Convention, Chicago, Illinois, November 21, 2008.

Sapienza, C.M., & **Troche, M.** Respiratory muscle strength training as a rehabilitation program. Accepted for presentation at Choice for Voice. London, England: July, 2008.

Bowers, D., Springer, U., Mikos, A., Nisenzon, A., Sapienza, C., Fernandez, H.H. & Okun, M.S. Role of dopaminergic medications in influencing masked facies in Parkinson disease: Timing is key. 22nd Annual Symposium on Etiology, Pathogenesis, and Treatment of PD and OMD. Salt Lake City, UT: September, 2008.

Troche, M., Huebner, I., Rosenbek, J., Fernandez, H., & Sapienza, C.M. Examining timing and safety of swallow in Progressive Supranuclear Palsy (PSP). American Speech Language and Hearing Association. Chicago, IL: November, 2008.

Troche, M., Musson, N., Rosenbek, J., Okun, M., & Sapienza, C. Treatment outcomes of expiratory muscle strength training (EMST) on swallow function in Parkinson's disease. MDS International Congress. Chicago, IL: June, 2008..

Troche, M., Wheeler-Hegland, K.M., Rosenbek, J.C., Musson, N., & Sapienza, C.M. Effects of Expiratory Muscle Strength Training (EMST) On Swallow Function In Parkinson's Disease. Association of VA SLP National Conference. Tucson, AZ: April, 2008.

McGrath-Morrow, S., **Troche, M.**, Lefton-Greif, M., Sapienza, C., Kelly, A., Rosquist, K., Crawford, T., & Lederman, H. Measurements of Lung Function and Pulmonary Reserve in Adolescents with Ataxia Telangiectasia. The International Ataxia-Telangiectasia Workshop. Lake Biwa, Japan: April, 2008..

Troche, M.S., Altmann, L.J.P., Hudson, L., Wallace, K. & Sapienza, C.M. Conceptual complexity interferes with language production in Parkinson's disease. Submitted for presentation at 2008 Cognitive Aging Conference. Atlanta, GA: April, 2008.

Pitts, T., Bolser, D., Rosenbek, J.C., **Troche, M.S.**, & Sapienza, C.M. Laryngeal function during voluntary cough: Its relationship to penetration/aspiration and voice quality in Parkinson's disease. Accepted for presentation at 2008 Motor Speech Conference. Monterrey, CA: March 2008.

Troche, M., Altmann, L., Hudson, L., Wallace, K., & Sapienza, C.M. Effects of task and grammatical complexity on sentence production in Parkinson's Disease. International Neuropsychological Society. Waikoloa, HI: February, 2008.

Troche, M., Altmann, L., Rosenbek, J., & Sapienza, C. Exploring sentence production in Parkinson's disease: Effects of conceptual and task complexity. Clinical Aphasiology Conference. Jackson Hole, WY: May, 2008.

Troche, M., Altmann, L.J.P., Hudson, L., Wallace, K. & Sapienza, C.M. Conceptual complexity interferes with language production in Parkinson's

disease. Accepted for presentation at 2008 Cognitive Aging Conference. Atlanta, GA: April, 2008.

Troche, M., Wheeler, K.M., Rosenbek, J.C., Musson, N., & Sapienza, C.M. Effects of Expiratory Muscle Strength Training (EMST) on swallow function in Parkinson's disease. Dysphagia Research Symposium. Charleston, SC: March, 2008.

Wheeler, K.M., Troche, M., Rosenbek, J.C., & Sapienza, C.M. Physiologic aspects of swallow function in patients with idiopathic Parkinson's disease with and without penetration and/or aspiration. Dysphagia Research Symposium. Charleston, SC: March 5-8, 2008.

Silverman, E., Hapner, E., Gorman, S., Lundy, D., Shrivastav, R., & Sapienza, C. Combined Modality Treatment of Adductor Spasmodic Dysphonia. Speech Motor Control Conference. Monterey, CA: March, 2008.

Troche, M., Altmann, L., Rosenbek, J., Sapienza, C.M. Effects of cognitive-linguistic factors on speech intelligibility in Parkinson's disease. Speech Motor Control Conference. Monterey, CA: March, 2008.

Chhabra, A., Schwerin, S., Pringle, E., Kleim, J., & Sapienza, C.M. Transcranial magnetic stimulation to assess corticospinal output to lateral abdominal muscles. Speech Motor Control Conference. Monterey, CA: March, 2008.

Troche, M., Altmann, L.J.P., Hudson, L., Wallace, K., & Sapienza, C.M. Effects of task and grammatical complexity on sentence production in Parkinson's disease. International Neuropsychological Society. Honolulu, HI: February, 2008.

Sapienza, C.M. Muscle training principles & resulting changes to speech and swallowing. American Speech Language and Hearing Association. Boston, MA: November, 2007

Pitts, T., Bolser, D., Troche, M., Rosenbek, J., & Sapienza, C. Voluntary cough production related to swallow dysfunction in PD. American Speech Language and Hearing Association. Boston, MA: November, 2007.

Troche, M., Rosenbek, J., & Sapienza, C.M. Physiological and cognitive predictors of SWAL-QOL in Parkinson's disease. American Speech Language and Hearing Association. Boston, MA: November, 2007.

Chhabra, A., Pitts, T., Chiara, T., Davenport, P., & Sapienza, C. Abdominal muscle activation as a function of different expiratory tasks. American Speech Language and Hearing Association. Boston, MA: November, 2007.

Chhabra, A., Schwerin, S., Adkins, D., Pringle, E., Kleim, J., & Sapienza, C. Cortical Adaptations in Response to Expiratory Muscle Strength Training. American Speech Language and Hearing Association. Boston, MA: November, 2007

Wingate, J., & Sapienza, C.M. Objective measurement of vocal load in teachers of singing and choral directors: A pilot study. University of Texas at San Antonio International Conference on Occupational Voice. To be presented October, 2007.

Shrivastav, R., & Sapienza, C.M. Environmental effects on speech intelligibility in patients with Parkinson's disease. 27th World Congress of the International Association for Logopedics and Phonetics. Copenhagen: Presented August, 2007.

Pitts, T.E., Bolser, D., & Sapienza, C.M. Voluntary cough in patients with PD. American Academy of Neurology. May, 2007.

Sapienza, C. Respiratory muscle strength training – Inspiratory and expiratory. FLASHA, Marco Island, FL: May, 2007.

Sapienza, C. Respiratory muscle strength training. VA National Conference, Minneapolis, MN: April, 2007

Sapienza, C. Respiratory muscle strength training. Application and Interpretation. New York State Conference. Buffalo, NY: April, 2007.

Sapienza, C.M. Neuro Cross System Effects (Part II series). (invited). ANCDS/ASHA preconference workshop. Miami, FL: November, 2006.

Wheeler, K., Huber, J., **Pitts, T.**, Sapienza, C. Lung volumes associated with swallowing different bolus volumes and consistencies. ASHA, Miami, FL, Nov. 2006.

Kim, J., Davenport, P., & Sapienza, C. Outcomes of expiratory muscle strength training for the elderly. ASHA. Miami, FL: November, 2006.

Troche, M., Rosenbek, J., Okun, M., & Sapienza, C. Effects of bolus consistence on oral-pharyngeal swallow in Parkinson's disease. ASHA, Miami, FL, Nov. 2006.

Sapienza, C. (invited). Treatment effectiveness for patients with voice disorders: Where are we? ASHA. Miami, FL: November, 2006.

Burkhead L.M., Rosenbek J.C., Sapienza C.M., Davenport, P.W., Shechtman O., Musson ND. The effect of jaw & tongue position on suprahyoid muscle function during swallowing. European Group for Dysphagia and Globus (EGDG). Malmo, Sweden: October, 2006.

Sapienza, C.M. (invited). Respiratory muscle strength training: Plasticity versus functional outcomes. *New Frontiers in Dysphagia Rehabilitation*. Madison, WI: September, 2006.

Rothman, H., Brown, W.S., Jr., Sapienza, C., Smith, B., & Diaz, J. When vibrato changes...What changes? *Voice Foundation*. Philadelphia: June, 2006.

Silverman, E., Shrivastav, R., & Sapienza, C.M. Acoustic source measures for documenting outcomes of combined modality treatment of adductor spasmodic dysphonia. *Acoustical Society of American*. June, 2006.

Carmichael, C., Sapienza, C., & Ramig, L. Expiratory muscle strength training and the Lee Silverman Treatment Program in Parkinson's disease. *Conference of Speech Motor Control*. Austin, TX: March, 2006.

Sapienza, C. (invited). Neuromotor Disorders: Effects and repercussions on breathing and swallowing. *Dysphagia Research Symposium*. Phoenix, AZ: March, 2006.

Wheeler, K., Martin-Harris, B., & Sapienza, C. An Innovative method of measuring hyoid movement. *Dysphagia Research Symposium*. Phoenix, AZ: March, 2006.

Kim, J., Davenport, P., & Sapienza, C.M. Physiological effects of respiratory muscle strength training on breathing, cough and swallow functions in the elderly. *Third International Conference on Aging, Disability and Independence (ICADI)*. St. Petersburg, FL: February, 2006.

Kellison, B.A., Sapienza, C., Springer, U., Okun, M., & Bowers, D. Improvement in facial expressivity in a patient with Parkinson's disease following Expiratory Muscle Strength Training. *International Neuropsychological Society*. Boston, MA: February, 2006.

Wheeler, K., Chiara, T., & Sapienza, C.M. Submental & infrahyoid sEMG during swallow & expiratory threshold task. *ASHA*. San Diego, CA: November, 2005.

Chhabra, A., Sapienza, C., & Vandenborne, K. Using MRI and MRS to document myogenic adaptations following strength training. *ASHA*. San Diego, CA: November, 2005.

Kim, J., & Sapienza, C.M. Expiratory muscle strength training for the elderly: A preliminary study. *ASHA*. San Diego, CA: November, 2005.

Kim, J., & Sapienza, C.M. Maximal respiratory pressures in Asians and Caucasians. *ASHA*. San Diego, CA: November, 2005.

Jones, H., Donovan, N., Sapienza, C.M., Fernandez, H., Rosenbek, J. Expiratory Muscle Strength Training in the rehabilitation of mixed dysarthria. ASHA. San Diego, CA: November, 2005.

Chiara, T., & Sapienza, C.M. Expiratory Muscle Strength Training: Speech production outcomes in persons with multiple sclerosis. ASHA. San Diego, CA: November, 2005.

Chiara, T., & Sapienza, C.M. Comparison of commercially available inspiratory muscle trainers in healthy adults. ASHA. San Diego, CA: November, 2005.

Wheeler, K., & Sapienza, C.M. Rationale for respiratory muscle strength training in patients with Parkinson's disease. University of California, San Francisco School of Medicine Voice Conference. San Francisco, CA: October, 2005.

Wingate, J., & Sapienza, C.M. Treatment outcomes for at-risk occupational voice users. University of California, San Francisco School of Medicine Voice Conference. San Francisco, CA: October, 2005.

Saleem, A., Sapienza, C.M., & Okun, M. Respiratory Muscle Strength Training: Treatment and response duration in a patient with Early Idiopathic Parkinson's disease. American Congress of Rehabilitation Medicine. September, 2005.

Kim, J., Sapienza, C., & Davenport, P. Expiratory muscle strength training for rehabilitating the sedentary elderly: A pilot study. Voice Foundation Conference. Philadelphia, PA: June 1-5, 2005.

Wingate, J. M., Shrivastav, R., Brown, W. S., Davenport, P., & Sapienza, C. Therapy outcomes for professional voice users following combined modality treatment: Final results. Voice Foundation Conference. Philadelphia, PA: June 1-5, 2005.

Kim, J., Sapienza, C., & Davenport, P. Expiratory muscle strength training in the sedentary elderly: A pilot study. FLASHA convention. Marco Island, FL: May, 2005.

Sapienza, C.M. Voice grand rounds. (invited). FLASHA convention. Marco Island, FL: May, 2005.

Saleem, A., Sapienza, C., Rosenbek, J., Musson, N., Okun, M. The effects of expiratory muscle strength training program on pharyngeal swallowing in patients with idiopathic Parkinson's disease. An abstract submitted to the 57th Annual Meeting of the American Academy of Neurology. Miami, FL: April 9- 16, 2005.

Saleem, A., Sapienza, C.M., Rosenbek, J., Musson, N., & Okun, M. The effects of expiratory muscle strength training program on pharyngeal swallowing in patients with idiopathic Parkinson's disease. 9th International Congress of Parkinson's Disease and Movement Disorders. New Orleans, LA: March 5-8, 2005.

Sapienza, C.M. (invited). Implications for training the respiratory muscles. Jacksonville Area Speech Pathology Association. March, 2005.

Donovan, N., Velozo, C., Rosenbek, J., Okun, M., & Sapienza, C.M. "Developing a measure of communicative effectiveness for individuals with Parkinson's disease (PD). MDS International Congress, AAN conference in Miami: March 5-8, 2005.

Donovan, N., Velozo, C., Rosenbek, J., Okun, M., & Sapienza, C.M. Developing a measure of communicative effectiveness for individuals with Parkinson's disease (PD). Movement Disorder Society's (MDS) 9th International Congress of Parkinson's Disease and Movement Disorders. New Orleans, LA: March 5-8, 2005. (

Gu, L., Harris, J., Shrivastav, R., & Sapienza, C.M. Disordered speech evaluation using objective quality measures. ICASSP. Philadelphia, PA: January, 2005.

Sapienza, C.M. (invited). Strength training implications for Swallowing. Pre-ASHA Convention Seminar. Philadelphia, PA: November, 2004.

Plowman, E., Rosenbek, J., Sapienza, C. Shrivastav, R., & Okun, M. Perceptual evaluation of dysarthric speech: Agreement & reliability. ASHA Convention. Philadelphia, PA: November, 18-20, 2004.

Plowman, E., Rosenbek, J., Sapienza, C.M., Okun, M., Shrivastav, R., & Fernandex, H. (2004). Pharmacologic effects of Levodopa on Parkinson's speech. ASHA Convention. Philadelphia, PA: November, 2004.

Donovan, N., Velozo, C., Rosenbek, J., Okun, M., & Sapienza, C.M. Communicative effectiveness survey measurement properties for individuals with Parkinson's disease. ASHA Convention. Philadelphia, PA: November, 2004.

Sapienza, C.M. Voice and Respiration and implications of strength training. FLASHA. Lake Mary, FL: October, 2004.

Sapienza, C.M. (invited) Respiratory muscle strength training and its potential use for treating dysphagia. Dysphagia Research Symposium. Montreal, Canada, October, 2004.

Shrivastav, R., & Sapienza, C.M. Measurement of voice quality using rating scales: What do ratings tell us. 33rd Annual Symposium: Care of the Professional Voice. Philadelphia, PA: June, 2004.

Wingate, J., Sapienza, C., Shrivastav, R., Brown, W.S., Davenport, P. Treatment outcomes for professional voice users. 33rd Annual Symposium: Care of the Professional Voice. Philadelphia, PA: June, 2004.

Wheeler, K., Sapienza, C.M. & Shrivastav, R.. The relationship between VHI scores and acoustic measures of disordered voice production. 33rd Annual Symposium: Care of the Professional Voice. Philadelphia, PA: June, 2004.

Fitsimones, L.B., Sapienza, C., Davenport, P. Expiratory muscle strength training in low cervical/high thoracic spinal cord injury. American Journal of Respiratory and Critical Care Medicine, 169 (7), Abstract Issue (In print), 2004.

Wang, C., Sapienza, C.M., Davenport, P.W., & Bolser, D.C. Airflow and expiratory muscle motor patterns during voluntary airway defensive reflexes in normal subjects. American Thoracic Society. Orlando, FL: May, 2004

Baker, S., Sapienza, C., & Davenport, P. Expiratory muscle strength training: effects of speech and cough production. Twelfth biennial conference on motor speech: motor speech disorders & speech motor control. Albuquerque, NM: March, 2004.

Saleem, A., Sapienza, C., Rosenbek, J., **Hoffman-Ruddy, B.**, & Okun, M. Expiratory muscle training in patients with idiopathic Parkinson's disease. Twelfth biennial conference on motor speech: motor speech disorders & speech motor control, Albuquerque. NM: March, 2004.

Sapienza, C.M. (invited). Can inspiratory and expiratory muscle strength training improve voice and swallow function? Charleston Swallowing Conference. Charleston, SC: January, 2004.

Saleem, A., Sapienza, C., & **Ruddy, B.**, Expiratory muscle training in patients with idiopathic Parkinson's disease. American Speech Language and Hearing Convention, Chicago, IL. November 2003.

Wingate, J., Sapienza, C.M., **Ruddy, B.**, Lundy, D., Woodson, G., Casiano, R., & Lehman, J. Voice handicap index results for older patients with spasmodic dysphonia. American Speech Language and Hearing Convention. Chicago, IL: November 2003.

Baker, S.E., Sapienza, C.M. Davenport, P., & Martin, A.D. Respiratory muscle training: Research findings and clinical applications. American Speech Language and Hearing Convention. Chicago, IL: November, 2003.

Ruddy, B., Sapienza, C.M., Spector, B., & Lehman, J. Expiratory muscle training in vocal percussion performers. American Speech Language and Hearing Convention. Chicago, IL: November, 2003.

Sapienza, C.M., Rosenbek, J., Shrivastav, R., Troche, M., **Wingate, J., Saleem, A.**, & Okun, M. Speech timing in Parkinson's disease in on and off medication states. Seventeenth Annual symposium on etiology, pathogenesis and treatment of Parkinson's disease and other movement disorders. San Francisco, CA: October, 2003.

Sapienza, C.M., Rosenbek, J., Okun, M., Hoffman-Ruddy, B., **Saleem, A.**, Davenport, P. & Foote, K. Respiratory function in Parkinson's disease: implications for strength training. Seventeenth Annual symposium on etiology, pathogenesis and treatment of Parkinson's disease and other movement disorders. San Francisco, CA: October, 2003.

Sapienza, C.M. Voice evaluation. The comprehensive interdisciplinary conference: From initial voice evaluation to laryngectomy rehabilitation. Orlando, FL: September, 2003.

Chiara, T., Martin, D., Bolser, D., Sapienza, C. Expiratory muscle strength training in individuals with multiple sclerosis. 19th Congress of the European Committee for Treatment and Research in Multiple Sclerosis. September, 2003

Sapienza, C.M., Shrivastav, R., Bless, D., & Glaze, L. The perception of voice quality as it relates to the physical appearance and occupation/social profiles of individuals. The Voice Foundation's 32nd Annual Symposium: Care of the Professional Voice. Philadelphia, PA: June, 2003.

Baker, S., Sapienza, C., Brown, W., & Rothman, R. Examination of an expiratory muscle strength training paradigm: Effects on cough and speech. The Voice Foundation's 32nd Annual Symposium: Care of the Professional Voice. Philadelphia, PA: June, 2003.

Baker, S., Sapienza, C., & Collins, S. Inspiratory muscle training in pediatric patients with vocal fold paralysis. The Voice Foundation's 32nd Annual Symposium: Care of the Professional Voice. June, 2003.

Shrivastav, R., & Sapienza, C.M. Modeling variation in loudness over time and its relationship to perceived voice quality: Preliminary findings. The Voice Foundation's 32nd Annual Symposium: Care of the Professional Voice. June, 2003.

Pearson, E., Bakers, S., Wingate, J., Shrivastav, R., & Sapienza, C. Source characteristics of male and female voices extracted from acoustic and

aerodynamic signals. The Voice Foundation's 32nd Annual Symposium: Care of the Professional Voice. June, 2003.

Hoffman-Ruddy, B., Sapienza, C.M., Davenport, P.D., Baylor, J., & Lehman, J. Inspiratory muscle strength training and behavioral voice therapy in a case of a rower with exercise induced paradoxical vocal fold dysfunction. The Voice Foundation's 32nd Annual Symposium: Care of the Professional Voice. June, 2003.

Wingate, J., Sapienza, C., Hoffman-Ruddy, B., Lundy, D., Woodson, G., Collins, S., Casiano, R., & Lehman, J. Voice quality change following treatment of adductor spasmodic dysphonia with botulinum toxin: Patient perceptions when using the voice handicap index and the voice related quality of life measurement. The Voice Foundation's 32nd Annual Symposium: Care of the Professional Voice. June, 2003.

Roy, N., Weinrich, B., Gray, S., Tanner, K., Stemple, J., & Sapienza, C.M. Three treatments for teachers with voice disorders. A randomized clinical trial. The Voice Foundation's 32nd Annual Symposium :Care of the Professional Voice. June, 2003.

Baker, S., Sapienza, C., Davenport, P., Brown, W.S., Rothman, H. Expiratory muscle strength training: Effects on cough and speech. Poster Session. Florida Association of Speech Language Pathologists and Audiologists Convention. Marco Island, FL: May, 2003.

Shrivastav, R., & Sapienza, C.M. Difference limen for the perception of aspiration noise. The 145th Meeting of the Acoustical Society of America. Nashville, TN., May. 2003

Cannito, M., Sapienza, C., Murry, T., & Woodson, G. Adductor spasmodic dysphonia: Relationships among acoustic indices and perceptual judgments. The 145th Meeting of the Acoustical Society of America. Nashville, TN: May, 2003.

Wharton, P.W., Sapienza, C.M., Paulk, M. & **Wheeler, K.** Prevalence of Cleft Uvula. Presented at the Florida Cleft Palate Association, Orlando, FL: January, 2003.

Sapienza, C.M. (invited panel presentation). Improvement of speech production in individuals with spinal cord injury. Presented at the American Speech-Language Hearing Association. Atlanta, GA: November, 2002.

Roy, N., Weinrich, B., Gray, S., Stemple, J., Tanner, K., & Sapienza, C. Three treatments for voice disordered teachers: A randomized clinical trial. Presented at the American Speech-Language Hearing Association. Atlanta, GA: November, 2002.

Gorham, M., & Sapienza, C.M. Glottal airflow characteristics of elderly speaker's voices. Presented at the American Speech-Language Hearing Association. Atlanta, GA: November, 2002.

Gorham, M., & Sapienza, C.M. Regulation of vocal intensity in young and elderly adults. Presented at the American Speech-Language Hearing Association. Atlanta, GA: November, 2002.

Wingate, J., Sapienza, C., **Hoffman-Ruddy, B.,** Lundy, D., Casiano, R., Collins, S., Woodson, G., & Lehman, J. Voice Quality Change following Botox in patients with ADSD. American Speech-Language Hearing Association. Atlanta, GA: November, 2002.

Williams, W.N., **Marino, V.,** Wharton, P.W., Sapienza, C.M., Schulz, G., & **Paulk, M.** Experimental palatal fistulae and speech resonance. Cleft 2002 Congress. Munich, Germany: September, 2002.

Sapienza, C.M. (invited). Anatomy and physiology of voice production. ASHA Division 3 Clinical Conference on voice problems in school aged children. Nashville, TN: July, 2002.

Sapienza, C.M. (invited). Non-Instrumental measures of voice. ASHA Division 3 Clinical Conference on voice problems in school aged children. Nashville, TN: July, 2002.

Martin, A.D., Davenport, P.D., Sapienza C., Gonzalez-Rothi, R., Levy C., Hoffman, B. Effect of inspiratory muscle training in ventilator dependent cervical spinal cord injured subjects. American Journal of Respiratory and Critical Care Medicine. 65, 8, A737, July, 2002.

Sapienza, C.M. Voice Grand Rounds. Florida Association of Speech Language Pathologists and Audiologists Spring Conference (FLASHA). Sarasota, FL: May, 2002.

Natour, Y., Schmlaz, M., Ritter, G., & Sapienza, C.M. Computerized quantification of laryngeal dimensions. Presented at the Second Regional Symposium on Speech and Hearing Disorders. Presented, Anman-Jordan, April, 2002.

Martin, A.D., Davenport, P.D., Sapienza, C.M., Gonzalez-Rothi, R., Levy, C., & Hoffman, N. Effect of inspiratory muscle strength training in ventilator dependent cervical spinal injured subjects. American Thoracic Society Meeting. May, 2001.

Ludlow, C., Blitzer, A., Cannito, M.P., Woodson, G.E., & Sapienza, C.M. Spasmodic dysphonia: Current trends in research, assessment, & treatment. Presented at the American Speech-Language Hearing Association. New Orleans, LA: November, 2001.

Hixon, T., Gold, W., Perlman, A., Martin-Harris, B., & Sapienza, C.M. Principles of respiratory physiology: Applications for swallowing & voice. Presented at the American Speech-Language Hearing Association. New Orleans, LA: November, 2001.

Baker, S.E., Sapienza, C.M., Davenport, P., Martin, D., Collins, S., & Woodson, G. Inspiratory muscle strength training in patients with laryngeal dysfunction. Presented at the American Speech-Language Hearing Association. New Orleans, LA: November, 2001.

Hoffman-Ruddy, B., Sapienza, C.M., Wingate, J. Vocal Health in Occupational Voices. American Speech-Language Hearing Association. New Orleans, LA: November, 2001.

Hoffman-Ruddy, B., Sapienza, C.M., Davenport, P.D., & Martin, D. The effects of expiratory pressure threshold training in high-risk singers. Presented at the American Speech-Language Hearing Association. New Orleans, LA: November, 2001.

Hicks, D.M., Sapienza, C.M., & Roy, N. Clinical grand rounds in voice disorders. Presented at the American Speech-Language Hearing Association. New Orleans, LA: November, 2001.

Natour, Y., Sapienza, C.M., Schmalz, M., & Ritter, G. Perceptual, acoustic, & instrumental analysis of voice & resonance. Presented at the American Speech-Language Hearing Association. New Orleans, LA: November, 2001.

Hoffman-Ruddy, B., Wingate, J. M., & Sapienza, C.M. Vocal health in occupational voices: Unique assessment and treatment options. Presented at the American Speech-Language Hearing Association. New Orleans, LA: November, 2001.

Hoffman-Ruddy, B. & Sapienza, C.M. (Invited). Acoustic and environmental characteristics of the high-risk performer. 17th International Congress on Acoustics. Rome, Italy: September, 2001.

Sapienza, C.M. & **Hoffman-Ruddy, B.** (Invited). Acoustic and physiological characteristics of high-risk performers following expiratory pressure threshold training. 17th International Congress on Acoustics. Rome, Italy: September, 2001.

Colton, R., Casper, J., **Natour, Y.**, Sapienza, C.M., & Schmalz, M.S. Problems and pitfalls of laryngeal image analysis. Presented at XXV IALP World Congress. Montreal, Canada: August, 2001.

Sapienza, C.M., Davenport, P.D. & Martin, D. Pressure threshold training with spinal cord injured patients: Effects on Speech and Breathing. Presented at XXV IALP World Congress, Montreal Canada, August, 2001.

Natour, Y., Sapienza, C.M., Schmalz, M.S., & Ritter, G. Digital Image Analysis of the larynx. Presented at XXV IALP World Congress. Montreal, Canada: August, 2001.

Natour, Y., Sapienza, C.M., Schmalz M.S., & Ritter, G. Accuracy of laryngeal measurements from digital endoscopic imagery: Systematic effects in manual measurements. Session on Medical Imaging and Image Analysis/Indexing/Retrieval, 5th World Multi-Conference on Systemics, Cybernetics and Informatics (SCI 2000). Orlando, FL: July, 2001.

Schmalz, M.S., Natour, Y., Sapienza, C.M., & Ritter, G. Accuracy of laryngeal measurements from digital endoscopic imagery. Effects of compression. Proceedings for the Session on Medical Imaging and Image Analysis/Indexing/Retrieval, 5th World Multi-Conference on Systemics, Cybernetics and Informatics (SCI 2000). Orlando, FL: July, 2001.

Hoffman-Ruddy, B. & Sapienza, C.M. The effects of expiratory pressure threshold training on "High Risk" Singers. Presented at the 30th Annual Symposium of the Voice. Philadelphia, PA: June, 2001.

Natour, Y., & Sapienza, C.M. Digital Image of the larynx. Presented at the 30th Annual Symposium of the Voice. Philadelphia, PA: June, 2001.

Diaz, J., Sapienza, C.M., Rothman, H.R. & **Natour, Y.** (Invited) A robust fundamental frequency detection algorithm based on the spectrogram. 141st Meeting Acoustical Society of America. Chicago, IL: June, 2001.

Bidus, K., Ludlow, C.L., Edgar, J., & Sapienza, C.M. Respiratory motor control during speech and non-speech tasks in spasmodic dysphonia. Voice Foundation. Philadelphia, PA: June, 2001.

Sapienza, C.M. & **Hoffman-Ruddy, B.** (Invited). Child Voice. Presented at the Florida Association for Speech and Hearing Conference. Orlando, Fl: May, 2001.

Marino, V., Schulz, G., Sapienza, C.M., Wharton, P., Williams, W., & **Paulk, M.** Kinematic and aerodynamic measures of experimental fistula and "VPI". Presented at the Florida Association for Speech and Hearing Conference, Orlando, Fl. May 2001.

Marino, V., Williams, W., Wharton, P., Sapienza, C.M., Schulz, G., & **Paulk, M.** Nasal resonance: Experimental coupling of the oral and nasal

cavities. Presented at the Florida Association for Speech and Hearing Conference. Orlando, FL: May, 2001.

Kricos, P., Sapienza, C.M., & Nandur, V., & Crandell, C. Acoustic characteristics of clear speech: Training effects. Presented at the Adult Rehabilitation Conference. Maine: May, 2001.

Olsen, D., Davenport, P.D., Sapienza, C. Martin, A.D., & Knafelc, M. Specific expiratory muscle strength training (EMST) in adult male deep water us navy divers. Experimental Biology Conference. Orlando, FL: March, 2001

Sapienza, C.M. Assessment of Adult Voice Disorders. 2-day workshop. Dogwood Institute. Gadsen, AL: December, 2000.

Hoffman-Ruddy, B., & Sapienza, CM. (Invited). Management of High Risk Voices. International Voice Institute (IVI). San Francisco, CA: November, 2000.

Sapienza, C.M., Martin, D., & Davenport, P.D. (Invited). Pressure threshold training in dysphonic and ventilator-dependent patients. Pacific Voice Conference. San Francisco, CA: November, 2000.

Sapienza, C.M. & Woodson, G. (Invited). Botox protocol in ADSD. Pacific Voice Conference. San Francisco, CA: November, 2000.

Sapienza, C.M. & **Hoffman-Ruddy, B.** (Invited). Assessment and management of pediatric voice disorders. Pacific Voice Conference. San Francisco, CA: November, 2000.

Sapienza, C.M. (Invited). Current assessment and management methods developed in the last 10 years. Presented at the American Speech-Language Hearing Association. Washington, DC: November, 2000.

Sapienza, C.M. (Invited). Assessment and Treatment of Persistent Speech Sound Disorders. Presented at the American Speech-Language Hearing Association. Washington, DC: November, 2000.

Sapienza, C.M., **Hoffman, B.**, Collins, S., & **Wingate, J.** Assessment of vocal health and its impact on the treatment of voice disorders. Presented at the American Speech-Language Hearing Association. Washington, DC: November, 2000.

Natour, Y., Sapienza, C.M., Schmalz, M.S., & Ritter, G. Digital image analysis of the larynx. Presented at the American Speech-Language Hearing Association. Washington, DC: November, 2000.

Marino, V., Schulz, G., Sapienza, C.M., Wharton, P., Williams, W., & **Paulk, M.** Kinematic and aerodynamic measures of experimental fistula and "VPI". Presented at the American Speech-Language Hearing Association. Washington, DC: November, 2000.

Marino, V., Williams, W., Wharton, P., Sapienza, C.M., Schulz, G., & Paulk, M. Nasal resonance: Experimental coupling of the oral and nasal cavities. Presented at the American Speech-Language Hearing Association. Washington, DC: November, 2000.

Squire, S., Edgar, J., Bidus, K., Sapienza, C.M., Isle, D., & Ludlow, C. A comparison of respiratory movement during speech and non-speech tasks. Presented at the American Speech-Language Hearing Association. Washington, DC: November, 2000.

Mendes, A., Sapienza, C.M., Brown, W.S. Jr., & Rothman, H.R. Respiratory kinematic & electromyographic effects of vocal training. Presented at the American Speech-Language Hearing Association. Washington, DC: November, 2000.

Sapienza, C.M. Assessment techniques for examining the voice. University of Florida: October, 2000.

Natour, Y., & Sapienza, C.M. Aerodynamic, acoustic and perceptual features of alternative modes of communication available to laryngectomized individuals. Second international conference on disability and rehabilitation. Saudia Arabia: October, 2000.

Sapienza, C.M. Voice Disorders: Instrumentation. Ninth Annual International Summer Program. Speech, Language, Feeding and Swallowing Disorders: Advances in Diagnosis and Treatment. University of Florida Craniofacial Center: July, 2000.

Mendes, A., Rothman, H., Sapienza, C.M., & Brown, W.S. Jr. Acoustic Effects of Vocal Training. 4th European Congress of the *Comite Permanent de Liaison des Orthophonistes-Logopedes de L'Union Europeene (CPLOL)*. Center International de Sejour de Pairs, France: June, 2000.

Mendes, A., Sapienza, C.M., Brown, W.S. Jr. & Rothman, H.R. Respiratory kinematic & electromyographic effects of vocal training. Presented at the Voice Symposium. Philadelphia, PA: June, 2000.

Paulk, M., Wharton, P., Marino, V., Schulz, G., Sapienza, C.M., & Williams, W. Kinematic Measures of Experimental "Fistulas". Research at University of Florida Health Science Center: Jacksonville, FL: May, 2000.

Jones, K., Matthews, M., Sapienza, C.M. & Schulz, G. Articulatory compensations associated with ASD. 2000 Annual Spring Convention. Orlando, FL: May, 2000.

Sapienza, C.M., Schmalfuss, I., & Stathopoulos, E.T. Laryngeal measurements from MRI. Conference of Speech Motor Control. San Antonio, TX: February, 2000.

Sapienza, C.M., Stathopoulos, E.T., & Schmalfuss, I. Glottal Airflow Measures and Posterior Glottal Gap as Measured from MRI. Conference of Speech Motor Control. San Antonio, TX: February, 2000.

Sapienza, C.M. (invited speaker). Adductor spasmodic dysphonia: An overview of timing, breathing and voice. Presented at the American Speech-Language Hearing Association, San Francisco, CA, November, 1999.

Cimino, A., & Sapienza, C.M. Consistency of voice produced by patients with adductor spasmodic dysphonia. Presented at the American Speech-Language Hearing Association. San Francisco, CA: November, 1999.

Mendes-Schwartz, A., Rothman, H. Sapienza, C.M., & Brown, W.S. Acoustic and temporal effects of vocal training. Presented at the American Speech-Language Hearing Association. San Francisco, CA: November, 1999.

Hoffman, B., & Sapienza, C.M. High-risk performers: Laryngostroboscopic and acoustic characteristics. Presented at the American Speech-Language Hearing Association. San Francisco, CA: November, 1999.

Sapienza, C.M., & Behrman, A. Workshop: Instrumental Examination of the Voice: Relevancy and Feasibility. 28th Annual Voice Foundation Conference. Philadelphia, PA: June, 1999.

Edgar, J., Sapienza, C.M., & Ludlow C.L. Acoustic variations of abductor spasmodic dysphonia. 28th Annual Voice Foundation Conference. Philadelphia, PA: June, 1999.

Sapienza, C.M. (Invited Speaker). Documentation of clinical voice features. 28th Annual Voice Foundation Conference. Philadelphia, PA: June, 1999.

Hoffman, B., Ingram, D., Lehman, J. & Sapienza, C. M. (1998). High-risk performers: Laryngoscopic and acoustic characteristics. 28th Annual Foundation Conference. Philadelphia, PA: June, 1999.

Cimino, A., & Sapienza, C.M. Reliability of the multidimensional voice program for acoustic analysis. 28th Annual Foundation Conference. Philadelphia, PA: June, 1999.

Sapienza, C.M., (Invited Speaker). Documentation of clinical features. First Conference of Child Voice. Royal Institute of Technology. Stockholm, Sweden: September, 1998.

Sapienza, C.M., **Brown, J.**, & Davenport, P.D. Inspiratory pressure threshold training for glottal airway limitation in laryngeal papilloma. 27th Annual Voice Foundation Conference. Philadelphia, PA: June, 1998.

Rothman, H.B., Brown, W.S., Jr., Sapienza, C.M., & Morris, R.J. Acoustic analyses for trained singers perceptually identified from speaking samples. 27th Annual Voice Foundation Conference. Philadelphia, PA: June, 1998.

Stathopoulos, E.T., & Sapienza, C.M. Glottal closure characteristics of children and adults as interpreted from minimum glottal flow. 9th Biennial Conference on Speech Motor Control. Tucson, AZ: January, 1998.

Sapienza, C.M., Bolser, D.C., Schulz, G., Scott, K., & Davenport, P.D. Respiratory muscle and airflow pattern during graded voluntary cough in normal subjects. 9th Biennial Conference on Speech Motor Control. Tucson, AZ: January, 1998.

Sapienza, C.M. (Invited). Respiratory function in voice and speech disorders: Clinical Implications. American Speech-Language Hearing Association. Boston, MA: November, 1997.

Crowe, T.A., Stone, R.E., & Sapienza, C.M. Voice of navy divers in various helium mixtures and pressures. American Speech-Language Hearing Association. Boston, MA: November, 1997.

Sapienza, C.M., & Murry, T. Acoustic events of two dysphonias during vowel and reading productions: Adductor spasmodic dysphonia and muscular tension dysphonia. 26th Annual Voice Foundation Conference. Philadelphia, PA: June, 1997.

Brown, W.S., Rothman, H., Sapienza, C.M., & Jarman, N. Perceptual and acoustic study of professionally trained versus untrained voices. 26th Annual Voice Foundation Conference. Philadelphia, PA: June, 1997.

Sapienza, C.M., Bolser, D.C., Schulz, G., Scott, K., & Davenport, P.D. Respiratory muscle and airflow pattern during graded voluntary cough in normal subjects. American Thoracic Society Conference. San Francisco, CA: May, 1997.

Bolser, D.C., Sapienza, C.M., Schulz, G., Scott, K., & Davenport, P.D. Respiratory muscle and airflow pattern during capsaicin-induced cough in normal subjects. American Thoracic Society Conference. San Francisco, CA: May 1997.

Crandell, C., & Sapienza, C.M. Sound field amplification: Student and teacher benefits. Florida Association of Speech-Language Pathologists and Audiologists. Orlando, FL: 1997

Sapienza, C.M., & Crandell, C. Sound field amplification: Effects on vocal dysfunction. Florida Association of Speech-Language Pathologists and Audiologists. Orlando, FL: May, 1997.

Whitman, D., & Sapienza, C.M. Lung volume measurements in women with adductor spasmodic dysphonia. Florida Association of Speech-Language Pathologists and Audiologists. Orlando, FL: May, 1997.

Sapienza, C.M., Cannito, M., & **Erickson, M.** Temporal and volume indices associated with adductor spasmodic dysphonia. American Speech Language and Hearing Association. Seattle, WA: November, 1996.

Schulz, G., & Sapienza, C.M. Effects of pallidotomy surgery on parkinsonian voice production. American Speech Language and Hearing Association. Seattle, WA: November, 1996.

Sapienza, C.M. Speech and swallowing outcomes following conservation and ablative surgery. Invited speaker. Florida Laryngectomee Association Voice Institute. Daytona, FL: September, 1996.

Murry, T., Sapienza, C.M., Brown, W.S., Jr., & Crary, M.A. Variations in adductor spasmodic dysphonia: Acoustic Evidence. 25th Annual Voice Foundation Conference. Philadelphia, PA: June, 1996.

Crandell, C., & Sapienza, C.M. Sound-field amplification: Effects on vocal dysfunction. American Academy of Audiology – Annual Convention. Salt Lake City, UT: March, 1996.

Williams, W.N., **Dutka, J.**, Wharton, P., Turner, G., Pegoraro-Krook, M., Pinto, J., Sapienza, C.M & Moorehead, J. Experimental opening in the hard palate and nasality. International Association of Dental Research. San Francisco, CA: March, 1996.

Wharton, P., Williams, W.N., **Dutka, J.**, Turner, G., Sapienza, C.M, Moorehead, J. & Bzoch, K. Nasalance as a function of experimental palatal fistulas. Florida Cleft Palate-Craniofacial Association - Winter Symposium and Annual Meeting. Orlando, FL: March, 1996.

Schulz, G., & Sapienza, C.M. The efficacy of pallidotomy surgery on voice and speech characteristics in Parkinson's Disease. 8th Biennial Conference on Motor Speech. Amelia Island, FL February, 1996.

Sapienza, C.M. (Invited Speaker). Vocal pathologies and sound field amplification. American Speech Language and Hearing Association. Orlando, FL: December, 1995.

Sapienza, C.M. (Invited speaker), Gray, S.D., Higgins, M.B., Smith, B.L., Stathopoulos, E.T., & Linville, SE. Development and aging of the normal voice. American Speech Language and Hearing Association. Orlando, FL: December, 1995.

Sapienza, C.M. (Invited speaker), Boliek, C.A., Hout, J.D., Lane, H., Lee, L., Netsell, R.W., Smith, A. & Sperry, E.E. Speech breathing disorders: State of the science and clinical applications. American Speech Language and Hearing Association. Orlando, FL: December, 1995.

Sapienza, C.M., Morris, R., Mayo, R., & Dacons-Brock, K. Perspectives on the acoustical and physiological study of the African-American vernacular. Miniseminar presentation. American Speech Language and Hearing Association. Orlando, FL: December, 1995.

Morris, R., Brown, W.S., Jr., & Sapienza, C.M. Comparison of fundamental frequency extraction software using disordered voices. Presentation: American Speech Language and Hearing Association. Orlando, FL: December, 1995.

Hammond, C., Gaeta, H., Davenport, P.W., & Sapienza, C.M. Afferent mechanism in the neural control of positive oral pressure. American Speech Language and hearing Association. Orlando, FL: December, 1995.

Sapienza, C.M., Crary, M., Moore, G.P., & Cassisi, N. Acoustic and aerodynamic characteristics of esophageal voice. Florida Laryngectomy Association. Daytona, FL: November, 1995.

Cassisi, N.J., Crary, M., Moore, G.P. Restoration of voice with fat injection as a supplement to thyroplasty. Pacific Voice Conference. San Francisco, CA: October, 1995.

Crary, M., Cassisi, N.J., Sapienza, C.M., & Moore, G.P. Treatment of contact ulcers with steroid injection. Pacific Voice Conference. San Francisco, CA: October, 1995.

Sapienza, C.M., Stathopoulos, E.T., & Brown, W.S. Speech breathing during reading women with vocal nodules. 24th Annual Voice Foundation Conference. Philadelphia, PA: June, 1995.

Sapienza, C.M., Crary, M., & **Gorham, M.** Laryngeal aerodynamic characteristics in patients with adductor spasmodic dysphonia. 24th Annual Voice Foundation Conference, Philadelphia, PA, June 1995.

Sapienza, C.M. Objective assessment of speech and voice disorders. Speech-Language and Audiology Association of Alachua County and Surrounding Areas. February, 1995.

Sapienza, C.M., Brown, W.S., Williams, W.N., Wharton, P.W., & Turner, G. Respiratory and laryngeal compensations associated with palatal fistula. American Speech, Language and Hearing Convention. New Orleans, LA: November, 1994.

Sapienza, C.M. & **Dutka, J.** Minimum glottal airflow changes in women with age. American, Speech, Language and Hearing Convention.

Hammond, C.A., Sapienza, C.M., Dalziel, D. & Davenport, P.W. Scalp topography of RREP elicited by expiratory occlusion in adults. Neuroscience Annual Meeting. Miami Beach, FL: November, 1994.

Sapienza, C.M., & Stathopoulos, E.T. Laryngeal aerodynamic and acoustic measures as a function of speech task. 23rd Annual Voice Foundation Conference. Philadelphia, PA: June, 1994.

Sapienza, C.M., & Stathopoulos, E.T. Respiratory and laryngeal function assessment of vocal nodules: Children and adults. American Speech, Language and Hearing Convention. Anaheim, CA: November, 1992.

Sapienza, C.M., & Stathopoulos, E.T. Comparison of maximum flow declination rate: Children versus adults. American Speech, Language and Hearing Convention. San Antonio, TX: November, 1992.

Sapienza, C.M., & Stathopoulos, E.T. Techniques for the study of normal and voice disordered children and adults. New York State Speech, Language and Hearing Association, Rochester, NY, May 1992.

Stathopoulos, E.T., & Sapienza, C.M. Respiratory kinematic, aerodynamic, and acoustic variability in children and adults during speech. Conference on Motor Speech. Motor Speech Disorders and Speech Motor Control. Boulder, CO: April, 1992.

Stathopoulos, E.T., & Sapienza, C.M. Respiratory and laryngeal function of children and adults during vocal intensity variation. Haskins Laboratories. Buffalo, NY: February, 1992.

Stathopoulos, E.T., & Sapienza, C.M. Respiratory and laryngeal function of children and adults during vocal intensity variation. Denver Center for the

Performing Arts-National Center for Voice and Speech. Denver, CO: January, 1992.

Sapienza, C.M. Objective assessment of hyperfunctional voice disorders. Erie County Music Conference. Buffalo, NY: January, 1992.

Stathopoulos, E.T., & Sapienza, C.M. Comparison of child and adult mechanisms for varying vocal intensity. American Speech, Language and Hearing Association Convention. Seattle, WA: November, 1991.

Sapienza, C.M., Stathopoulos, E.T., & Dromey, C.D. Changes in open and speech quotient values as a function of criterion level. 121st meeting of the Acoustical Society of America. Baltimore, MD: May, 1991.

Sapienza, C.M., & Sussman, J. Frequency perturbation in normal voice of children. 120th meeting of the Acoustical Society of America Conference. State College, Pennsylvania: May, 1990.

Sapienza, C.M., Stathopoulos, E.T., & Dromey, C.D. Simultaneous measurement of respiratory and laryngeal function in children during soft, comfortable and loud speech. 120th meeting of the Acoustical Society of America Conference, State College, Pennsylvania: May, 1990.

UNIVERSITY/LOCAL INVITED PRESENTATIONS

Nocera, J., Altmann, L., Hass, C., Sapienza, C., Exercise Effects on Cognition & Language in Parkinson's Disease. College of Medicine Research Day. March, 2009.

Plowman-Prine E.K., Sapienza, C.M., Okun, M.S., Pollock, S.L., Rosenbek, J.C. *Quality of Life and Communication Effectiveness in Parkinson's Disease*. 4TH Annual Neuromuscular Plasticity Symposium, University of Florida, December 5, 2008.

Plowman-Prine, E.K., Okun, M.S., Sapienza, C.M., Shrivastav, R., Fernandez, H.H., Foote, K.D., Ellis, C., Rodriguez, A.D., Burkhead, L.M., & Rosenbek, J.C. *Perceptual characteristics of Parkinsonian speech: A comparison of the pharmacological effects of levodopa across speech and non-speech motor systems*. Veterans Affairs Medical Research Day, May 31, 2008, Gainesville, Florida.

Sapienza, C.M. Mechanisms associated with expiratory muscle strength training. Physical Therapy Colloquium series. February, 2008.

Plowman-Prine, E., Okun, M., Sapienza, C.M., Fernandez, H., Foote, K., & Rosenbek, J. Perceptual Characteristics of Parkinsonian Speech: A comparison of

pharmacological effects of levodopa across speech and non-speech motor systems. University of Florida Physical Therapy Conference. January, 2008.

Wheeler, K.M., Chiara, T., & Sapienza, C. M. Training submental and infrahyoid muscles for swallowing using a respiratory threshold trainer. Neuromuscular Plasticity Conference. University of Florida: September, 2005.

Sapienza, C.M. Breathing, Swallowing and Speech Functions in PD. The Third Annual Parkinson's Disease Symposium. Orlando, FL: April, 2005.

Sapienza, C.M. Respiratory strength training for rehabilitation of voice and swallow in Parkinson's patients. Jacksonville Area Speech Pathology Association. March, 2005.

Sapienza, C.M. Respiratory strength training for patients with Parkinson's disease. RORC-BRRC-Brooks Center Research Seminar Series. December, 2004.

Sapienza, C.M. Respiratory and swallow function in patients with Parkinson's disease. Gainesville Parkinson's support group. Gainesville, FL: October, 2004.

Saleem, A., Rosenbek, J., Okun, M., Davenport, P., Shrivastav, R., & Sapienza C.M. Expiratory Muscle Strength Training in patients with Parkinson's disease. University of Florida Rehabilitation Day. Gainesville, FL: May, 2004.

Chiara, T., Martin, D., Sapienza, C.M., & Bolser, D. (2003). Expiratory muscle strength training in individuals with multiple sclerosis and healthy controls. College of Health Professions Poster Presentation Competition. University of Florida. Awarded first place.

Sapienza, C.M. Respiratory muscle strength training. Department of Otolaryngology. Resident Training Program. University of Florida, Gainesville, FL: September, 2003.

Sapienza, C.M. Laryngeal Aerodynamics. Department of Otolaryngology. Resident Training Program. University of Florida, Gainesville, FL: January, 2003.

Baker, S., & Sapienza, C.M. (2002). Inspiratory muscle strength training in a patient with laryngeal dysfunction. 2nd place winner. University of Florida Graduate Student Forum.

Sapienza, C.M. Laryngeal Aerodynamics. Department of Otolaryngology. Resident Training Program. University of Florida, Craniofacial Center. Gainesville, FL: July, 2000.

Sapienza, C.M. Breathing and Voice. Annual International Summer Program of Speech, Language and Hearing. University of Florida, Gainesville, FL: July, 2000.

Sapienza, C.M. Voice Disorders: Instrumentation. Ninth Annual International Summer Program. Speech, Language, Feeding and Swallowing Disorders: Advances in Diagnosis and Treatment. University of Florida, Craniofacial Center. July, 2000.

Jones, K., Matthews, M., Sapienza, C.M. & Schulz, G. Articulatory compensations associated with ASD. 2000 Annual Spring Convention, Orlando, FL: May, 2000.

Paulk, M., Wharton, P., **Marino, V.,** Schulz, G., Sapienza, C.M., & Williams, W. Kinematic Measures of Experimental "Fistulas". Research at University of Florida Health Science Center. Jacksonville, FL: May, 2000.

Jones, K. & Sapienza, C.M. University Scholars Program. First Annual Symposium. Acoustic characteristics of adductor spasmodic dysphonia. University of Florida, Gainesville, FL: March, 2000.

Sapienza, C.M. Instrumental Assessment of Voice. Department of Otolaryngology. Resident Training Program. University of Florida, Craniofacial Center. Gainesville, FL: February, 1999.

Cimino, A.M., & Sapienza, C.M. (1999). Consistency of Voice Produced by Patients with Adductor Spasmodic Dysphonia Both Within and Across Sessions. University of Florida Graduate Student Forum.

Natour, Y., Wingate, J., & Sapienza, C.M. (1999). Reliability of Multidimensional Voice Program for the Analysis of Normal and Dysphonic Voice. University of Florida Graduate Student Forum. First Place Winner, Health and Sports Sciences.

Sapienza, C.M. Overview of Neuroanatomy for Speech. CEFAC & FONO 2000, University of Florida. Gainesville, FL: December, 1997.

Sapienza, C.M. Influence of laryngeal dysfunction on pulmonary mechanics. Department of Physiological Sciences Seminar, University of Florida. Gainesville, FL: September, 1996.

Sapienza, C.M. Instrumental Assessment of Voice. Annual International Summer Program on Speech, Language and Hearing. Craniofacial Center, University of Florida. Gainesville, FL: July, 1995.

Sapienza, C.M. Instrumental Assessment of Voice. Annual International Summer Program of Speech, Language and Hearing. University of Florida, Gainesville, FL: July 1994.

Sapienza, C.M. Respiratory and Laryngeal Measures of Voice Disordered Patients. Paper presented to the Center for Neuropsychological Studies, University of Florida. Gainesville, FL: May, 1994.

TECHNOLOGY AND LICENSING

U.S Provisional Patent Application Docket No. UF-255XC2P: A system for conditioning expiratory muscles for an improved respiratory system.

CONTRACTS AND GRANTS

Submitted and Pending

Okun, M., & Sapienza, C. Aspiration and Swallowing in Parkinson's Disease and Rehabilitation with EMST: The Aspire II Study. NIH/NINDS. \$3,3130,395.00

Sapienza, C.M. & Fernandez, H.H. Study of persons with adductor spasmodic dysphonia using Myobloc versus Botox A. NIH/NIDCD. 1,250,000 direct costs.
Altmann, L., Hass, C.J., Sapienza, C.M. Language and executive function in Parkinson's: Effects of dual tasks and exercise. National Institutes of Health/NIDCD. Request: \$250,000 (re-submission due June, 2009).

Submitted and Not Funded (07-08 only listed)

Sapienza, C.M., Troche, M., Altmann, L., Rosenbek, J., Okun, M. & Shrivastav, R. Development of a novel cognitive linguistic treatment for dysarthria in Parkinson's Disease. Amt. 310,000. MJ Fox Foundation. Pre-proposal.

Sapienza, C.M. **Study of Persons with Adductor Spasmodic Dysphonia using MyoBloc versus Botox.** Seed Money Request from the PMDF: Request: \$5,000

Davenport, P., Okun, M., & Sapienza, C. (MJ Fox Rapid Response). Pharyngeal mechanically elicited cortical evoked potentials (CEP): a measure of swallow function in Parkinson's disease (PD). MJ Fox Foundation: Rapid Response, submitted, not funded. Amount: 100K.

Schallert, T., & Sapienza, C.M. et al. (applied May 10, 2007, not funded). A rat parkinson model for assessing and treating deficits in fine motor control of complex ultrasound production, tongue use, respiration and swallowing. 400K. MJ Fox Foundation. Clinical Discovery Award.

Funded:

Sapienza, C.M., Hoffman, P., Kantor, D., Musson, N. Expiratory muscle strength training for persons with neurodegenerative disease. VA Merit Review RR & D. 985K. March, 2009-March 2013.

Martin-Harris, B., & Sapienza, C.M. (01/07-12/08). Measurement model for respiratory-swallowing impairment : 72,959. NIH/NIDCD: R24DC008647.

Sapienza, C.M., Shrivastav, R., & Fernandez, H. (January. 2007-1/2009). Strength Training with PSP for Dysphagia. 100K. CUREPSP: Society for Supranuclear Palsy.

Sapienza, C.M., Rosenbek, J., Davenport, P. (10/05-4/08). System for conditioning expiratory muscles. 611, 860. VA RR & D Merit B3721R.

Sapienza, C.M., Davenport, P.D., Rosenbek, J., Okun, M., & Shrivastav, R. (01/05-12/07). Expiratory muscle strength training in patients with Parkinson's disease: detraining effects. 275K. NIH/NCMMR: R21 HD046903-01A112/07.

Sapienza, C.M. Strength training swallowing in patients with Parkinson's Disease. (8/2006-8/2008). 220K. MJ Fox Foundation. 00056150.

Martin, A.D., Davenport, P.D., & Sapienza, C.M. (01/04-12/08). Respiratory muscle training in ventilator dependent patients. \$2,175,817. NIH/NIDCD.

Bolser, D.C., Sapienza, C.M., Berry, R., Martin, D., Vickroy, T.W., Davenport, P. (funded, 01/04). Influence Of Codeine On Capsaicin-Induced Cough In The Human: Evaluation Of Novel Measures Of Antitussive Efficacy. Funded by: Schering-Plough.\$ 262,375.

Sapienza, C.M., Pearson, E.J. (funded 08/03-04/04). Ruth L. Kirschstein National Research Service Award Individual Fellowship Application: Combined Modality Treatment of ASD. \$27,858.

Sapienza, C.M. (funded 3/03-3/05). Combined modality treatment of adductor-type spasmodic dysphonia. \$20K. Dystonia Medical Research Foundation.

Davenport, P.D., Sapienza, C.M., & Martin, A.D. (2002). Expiratory muscle strength training with spinal cord injured patients. \$37,500. BSCIRTF (Brain and Spinal Cord Injury Research Trust Fund).

Hoffman, B., Sapienza, C.M., Davenport, P.D., & Martin, A.D. (2002). Pulmonary dysfunction in Parkinson's disease related to disease progression. \$35K. American Parkinson's Disease Association.

Martin, A.D., Davenport, P.D., Sapienza, C.M., Harman, E., Hoffman, N., & Gonzalez- Rothi, R. (2002). The effect of inspiratory muscle strength training on mechanical ventilator dependent SCI patients. \$50K. University of Florida Brain Institute.

Sapienza, C.M., Davenport, P.D., & Martin, D. (funded 1999-2000). Respiratory Function during Speech Production at 1000 FSW. 31,264.Navy Experimental Dive unit:

Sapienza, C.M., Davenport, P.D., & Martin, D. (funded 1998-1999). Respiratory Function during Speech Production at 1000 FSW. \$10,122. Navy Experimental Dive unit.

Sapienza, C.M., Davenport, P.D., & Martin, D. (funded 1997-1998). Respiratory Function during Speech Production at 1000 FSW. \$36,855. Navy Experimental Dive unit.

Crandell, C. & Sapienza, C.M. (funded, 1994-1995). The effects of sound field amplification on vocal disorders in teachers. \$2,500. ANCHOR Audio Corp.

Rothman, H., & Sapienza, C.M. (funded 1993-1994). Establishment of undergraduate instrumentation laboratories. Total: \$41,200.00. NSF: 20,600.00 with matching funds from the University of Florida Division of Sponsored Research and College of Liberal Arts and Sciences.

Sapienza, C.M. (funded 1994-1995). Division of Sponsored Research: Faculty request for travel. \$300.00.

Sapienza, C.M. & Gorham, M. (funded 1993-1994). Florida Language, Speech and Hearing Association. 42K.

Sapienza, C.M. (funded 1993-1994). Division of Sponsored Research: Research Development Award: Acoustic assessment of pediatric voice disorders. \$17,688.00

Sapienza, C.M. (funded 1993-1994). Division of Sponsored Research: New Faculty Award. Laryngeal and respiratory function effects of Botox in the treatment of adductor spasmodic dysphonia: 47,969.00.

Sapienza, C.M. Division of Sponsored Research (funded 1993-1994). Graduate Assistant Award: \$1,950.00.

Stathopoulos, E.T., Sapienza, C.M., and Sussman, J.E. (funded 1989-1990). Establishment of an undergraduate laboratory. 31,554. National Science Foundation.

REVIEWER: *Journal of Speech, Language and Hearing Research, Journal of Rehabilitation Research and Development, Journal of Voice, Journal of the Acoustical Society of America, American Journal of Speech-Language Pathology, Chest, Annals of Otolaryngology, Experimental Brain Research.*

EXTERNAL GRANT REVIEWER

Veterans Affairs RR & D – scientific reviewer: scheduled March 2009

NIH/NDICD – scientific reviewer RO3 Voice, Speech and Language – Feb 2007.
NIH/NIDCD – scientific reviewer- Laryngeal Function and Voice Therapy -2006
NIH/NCAAM – reviewer –Training and Education Review Committee - 2006
NIH/CSR – subcommittee on diagnostic imaging - 2004
NIH/CSR – subcommittee on cancer, epidemiology, prevention and control - 2003
AHFMR – 2002

EDITORSHIPS

Associate Editor: Logopedics and Phoniatrics: Voice Section. 9/2008-9/2011
Editor – ASHA SID 3 newsletter 2002- 2004.
Associate Editor for Speech – *Journal of Speech, Language and Hearing Research*, 2000-2003
Associate Editor for Speech – *Journal of Speech, Language and Hearing Research*, 1998-2000
Editorial Board - *Florida Journal of Communication Disorder*, 1999- current
Editorial Board – *Journal of Voice*, 1997- current
Editorial Review for Group (ERG): Co-chair for Speech-Language and Hearing. Doody Publishing. Responsible for coordinating independent reviews of approximately 50 books per year. 1998-2000

COMMITTEES (Doctoral and Masters)

Post-doctoral mentor

Joe Nocera (current). Mentor for NIH/T32: PhD. obtained from University of Georgia.
Toni Chiara (2005-2007). Mentor of VA RR D Associate Investigator
PhD obtained from University of Florida

Ph.D. Chair

Helena Laciuga (current)
Michelle Troche (current)
Teresa Pitts (current)
Anuja Chhabra (2008)
Christine Carmichael (2008)
Erin Pearson (2007)
Karen Wheeler (2006)
Jaeock Kim (2006)
Ahmad Saleem (2005)
Judy Wingate (2004)
Susan Baker, Ph.D (2003)
Yaser Al Natour, Ph.D (2002)
Mary Gorham (2002)
Bari Hoffman-Ruddy, Ph.D. (2001)

Ana Mendez-Schwartz (1999) – (co-chair)
Kimberly Scott (1997) - (co-chair)

Ph.D. Committee Member

Sara Key Deleria – Communication Sciences and Disorders (current)
Sara Miller - Veterinary Medicine (current)
Li Pyn Leow: Department of Communication Sciences and Disorders, University of Canterbury (2008)
Kimberly Miller – Psychology (2007)
Anne Marie Knight - Communication Sciences and Disorders (2005)
Lori Burkhead – Rehabilitation Sciences (2005)
Yangling Chou – Veterinary Medicine (2005)
Cheng Weng - Veterinary Medicine (2005)
Emily Plowman – Rehabilitation Sciences (2005)
Toni Chiara – Physical Therapy (2003)
Vivian Marino (2001)
Bernadette Cesar-Lee – Romance Languages (1999)
Jennifer Dutka – Communication Sciences and Disorders (1996)
Laurie Mercado - Communication Sciences and Disorders (1995)

M.A. Thesis - Chair

Irene Huebner (current)
Michelle Troche (2006)
Karen Wheeler (2003)
Ann Marie Cimino Knight (1999)
Ryan Branski (co-chair, 1998)

M.A. Thesis Member

Mario Landera (2006)

**Undergraduate Honors Mentor
McKnight Program Mentor**

External Reviewer:

PhD – LiPyn Leow, University of Canterbury – Mechanism of airway protection in aging and Parkinson’s Disease. 2007.

Workshop Attendance for Leadership Training

February 2007: ITSCAM Clinical Trial Conference, Washington, DC.
October 2005: Institute for Academic Leadership, Howey-in-the-Hills, Florida

UNIVERSITY GOVERNANCE AND SERVICE

2008-current Steering Committee: Department of Veterans Affairs, RORC
2007-2007 UF CLAS finance committee

2007-current	UF committee: CLAS Dean Search
2007-current	Ad Hoc Budget Committee: CLAS
2007	Participant in Insight into Philanthropy: Presented by Advancement Resources. March 23, 2007, University of Florida
2007	CLAS Operating Expense Committee
2006-2007	Communicative Disorders Search Committee Member
2006-current	UF Science for Life HHMI team Member. Howard Hughes Medical Institute.
2006-2007	Financial Advisory Committee Member to the Dean of CLAS
2002-2004	University Senate Committee
2001-	Dean's committee: CLAS IT policy
2000	Chair Search Committee (Departmental)
1999	Chair Search Committee (Departmental)
1999	Sabbatical Committee
1999-2000	Student Conduct Committee
1999	Facilitator for TA Classroom Empowerment Session
1999-2000	University Senate
1997-1998	University of Florida Minority Mentor Program
1995-1997	Faculty Performance Review Committee (Member)
1995	Salary Policy and Advisory Committee (Member)
1994	Student Appeals Committee (Member)
1994	Faculty Advisor for NSSLHA
1994-present	Associate Director IASCP
1993-present	Departmental Graduate Admissions (Member)
1993	Served on Three Departmental Search Committees
1993	Served on Four External Search Committees

MEMBERSHIP AND PROFESSIONAL ACTIVITIES

2007-09	Speech and Voice Disorders Conference Planning Committee: ASHA
2002	Discussant in Auditory Perceptual Consensus Conference
2001	Editor SID 3 Voice/Voice Disorders Newsletter
1998	Steering committee member SID 5 Speech Science
1997-1998	Co-Chair for the SID 3 Committee on Treatment Outcome Voice
1997	Committee Member of the SID 3 Committee Treatment Outcomes in Voice
1996-present	Florida Association of Speech Language Pathologists and Audiologists
1996	Planning Committee member for the 1996 8 th Biennial Conference on Motor
1997	Speech: Motor Speech Disorders and Speech Motor Control
1995	Member of the organizing committee for the International Association Forensic Phonetics 7 th Annual Congress, Orlando, FL

1989-present American Speech-Language and Hearing Association

CONSULTANT/SERVICE

2008- Planning committee Neurology Study Group: COSM, Orlando, FL.

2007-current: Plural Publishing: Consulting Editor

2007-2009: Member: ASHA approved ad hoc committee to develop recommended guidelines for voice assessment.

2007: Scientific Advisory Board: National Spasmodic Dysphonia Association

2007: NIH/NIDCD, Reviewer: Voice, Speech and Language section

2006: Consultant: Gordon, Hargrove and Graves, Fort Lauderdale, FL.

2004: Expert Witness, Florida.

2004: Team Member for Health Promotion in Schools Project. Member of Medical/Science Working Group for Vocal Health. Conference held in Ft. Worth, Tx.

2001: Consultant Glottal Enterprises Corp.

CERTIFICATION

1993-present: Florida State Licensed Speech-Language Pathologist

1989-present: Clinical Certification in Speech-Language Pathology

1989 – 1993: New York Licensed Speech-Language Pathologist

1989- present: American Speech Language and Hearing Association
Accredited

LICENSURE

Florida, 1993-present