

BONNIE E. SMITH
CURRICULUM VITAE
2021

I. EDUCATION, EXPERIENCE AND QUALIFICATIONS

Education: PhD Purdue University, Speech Pathology
MS Purdue University, Speech Pathology
BS Syracuse University, Speech Pathology, Magna cum laude

Current Positions: Director, Private Practice
Affiliated Faculty, Department of Communication Sciences and
Disorders, University of South Florida, Tampa, FL

Contact: dr.smith@voicespeechstudio.com
<https://voicespeechstudio.com>

Professional Positions:

2008 - present	Director, voice private practice, Port Charlotte, FL
2005 - 07	Professor of Speech Pathology, Department of Otolaryngology-Head & Neck Surgery and Department of Surgery, University of Illinois, Chicago, IL
1989 – 2005	Associate Professor of Speech Pathology, Department of Otolaryngology-Head & Neck Surgery and Department of Surgery, University of Illinois, Chicago, IL
1987 - 90	Acting Director of Research, Department of Otolaryngology— Head & Neck Surgery, University of Illinois, Chicago, IL
1983 - 2008	Speech Pathologist, The Craniofacial Center, University of Illinois, Chicago, IL
1983 - 2007	Director, Division of Speech Pathology, Department of Otolaryngology— Head & Neck Surgery and University of Illinois Medical Center, Chicago, IL
1983 - 89	Assistant Professor of Speech Pathology, Department of Otolaryngology-Head & Neck Surgery and Department of Pediatrics, University of Illinois, Chicago, IL
1981 - 83	Instructor, Speech Science, Center for Craniofacial Anomalies, University of Illinois, Chicago, IL
1980 - 81	Graduate Instructor, Department of Audiology and Speech Sciences, Purdue University, West Lafayette, IN
1977 - 80	Teaching Assistant, Department of Audiology and Speech Sciences, Purdue University, West Lafayette, IN
1976 - 77	Speech Pathologist, Audiology and Speech Clinic, Department of Otorhinolaryngology, Indiana University School of Medicine, Indianapolis, IN

Professional Licensing and Certification:

2019	Certified PhoRTE speech pathologist
2007-present	Florida license in Speech-Language Pathology (#SA 9201)
1989-2010	Illinois license in Speech-Language Pathology (#146-001977)
1980	Instructor of Alaryngeal Speech, International Association of Laryngectomees
1977	Certificate of Clinical Competence in Speech Pathology, American Speech-Language-Hearing Association

Membership in Professional Associations:

American Speech-Language-Hearing Association, Life Member
Member of ASHA Special Interest Group 3—Voice and Voice Disorders
Member of ASHA Special Interest Division 5—Craniofacial and Velopharyngeal Disorders
Member of ASHA Special Interest Division 15--Gerontology
Member of ASHA Leadership Academy
American Cleft Palate-Craniofacial Association, Life Member
The Voice Foundation
Florida Association of Speech-Language Pathologists and Audiologists

Affiliations:

Affiliated Faculty, Department of Communication Sciences and Disorders,
University of South Florida, Tampa

Honors and Awards:

Professor Emerita of Speech Pathology, University of Illinois at Chicago
Clinical Career Award, Florida Association of Speech-Language Pathologists and Audiologists,
2020

II. PATIENT CARE POSITIONS

2008-present	Director, Bonnie E. Smith, PhD, LLC (VoiceSpeechStudio.com) private practice evaluating and treating patients with voice disorders, Port Charlotte, Florida
2002 - 05	Established voice laboratory at Illinois Eye and Ear Infirmary, including equipment for acoustic and aerodynamic assessment of voice
2001 - 07	Speech pathologist (speaking voice therapist), The Voice Center/The Chicago Institute for Voice Care, direct patient contact, evaluation and treatment of patients with a wide variety of voice disorders; advising on development of this specialized center re: clinical, research, educational and administrative issues
1996 - 2008	Speech Pathologist, The Craniofacial Center, responsible for speech pathology caseload, including diagnosing and treating a wide variety of pediatric and adult patients, mostly with cleft lip and/or palate and other craniofacial anomalies, with velopharyngeal dysfunction and articulation errors
1983 - 2001	Speech Pathologist, responsible for caseload in speech pathology (direct patient contact on a daily basis), including primarily head & neck cancer and voice patients
1983 - 2007	Director, Division of Speech Pathology, Department of Otolaryngology-Head and Neck Surgery, University of Illinois at Chicago, supervising 3-5 speech pathologists as well as clerical staff members
1981 - 2008	Speech Scientist, responsible for establishing pressure-flow laboratory, facilitated expansion of speech laboratory and instrumentation, and responsible

1976 - 77 for testing palatopharyngeal and nasal function in clinic patients seen at The Craniofacial Center, University of Illinois Medical Center at Chicago
Speech Pathologist, Audiology and Speech Clinic, Department of Otorhinolaryngology, Indiana University School of Medicine, Indianapolis, evaluating and treating pediatric and adult patients

III. RESEARCH AND SCHOLARLY ACTIVITIES

Grant Research:

Submitted 1/2002; Co-Investigator at UICMC; National Institute of Dental and Craniofacial Research (NIH); "Cleft Palate and Speech: Imaging, Management, and Behavior". Amount Requested: Year 1 total: \$1,084,112 (UIC portion \$54,007); Years 1-5 total: \$5,582,440 (UIC portion: \$294,697).

Principal Investigator at UIC; National Institute of Dental Research (NIH); "CPAP Therapy for Hypernasality in Cleft Palate Subjects". **Amount Funded:** Year 1 total: \$289,735 (UIC portion \$36,527); Years 1-3 total: \$826,583 (UIC portion \$114,029), 1992-1995.

Principal Investigator, UICMC Campus Research Board, "Voice Disorders as Manifestations of Gastroesophageal Reflux", \$7,590 requested; \$5,500 **funded**; 7/1/91-7/30/92.

Principal Investigator, "Speech Production Studies: Oral-Nasal Communication", NIH (NINCDS), **funded** (\$173,007) 4/1/87-3/31/90.

Principal Investigator, "Speech Production Studies: Oral-Nasal Communication", NIH (NINCDS), not funded (requested \$197,975), 7/1/86-6/30/89.

Co-Investigator, "Esophageal Air Insufflation Testing of Laryngectomized Patients Undergoing Radiation Treatment", Veterans Administration Medical Center, Indianapolis, IN, **funded** (\$3,400), 5/11/88- open.

Co-investigator, "Speech Production Studies in Craniofacial Anomalies", NIH (NINCDS), **funded** (\$250,000) 7/1/83-6/30/86.

Co-investigator, "Aerodynamic Assessment of Pharyngeal Flap Surgery", UICMC Campus Research Board, **funded** (\$3,156) 7/1/83-6/3/84.

Publications:

Articles in Peer Reviewed Journals

Smith, BE, Weinberg, B, Feth, LL, and Horii, Y. Vocal roughness and jitter characteristics of vowels produced by esophageal speakers. J Speech Hearing Res, 21: 240-249, 1978.

Weinberg, B, Horii, Y, and **Smith, BE**. Long time spectral characteristics of esophageal speech. J Acoust Soc Amer, 67: 1781-1784, 1980.

Smith, BE and Weinberg, B. Prediction of velopharyngeal orifice areas: A re-examination of model experimentation. Cleft Palate J, 17: 172-180, 1980.

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Smith, BE and Weinberg, B. Prediction of modeled velo-pharyngeal orifice areas during steady flow conditions and during aerodynamic simulation of voiceless stop consonants. Cleft Palate J, 19: 172-180, 1982.

Smith, BE and Weinberg, B. Velopharyngeal orifice area prediction during aerodynamic simulation of fricative consonants. Cleft Palate J, 20: 1-6, 1983.

Smith, BE, Moon, JB, and Weinberg, B. The effects of increased nasal airway resistance on modeled velopharyngeal orifice area estimation. Cleft Palate J, 21: 18-21, 1984.

Reisberg, DJ and **Smith, BE**, Aerodynamic assessment of prosthetic speech aids. J Prosthetic Dent, 54: 686-690, 1985.

Smith, BE and Kostinski, AB. Prediction of modeled palatopharyngeal port openings under conditions simulating pharyngeal flap reconstruction. Cleft Palate J, 23: 154-156, 1985.

Smith, BE, Maddox, CM, and Kostinski, AB. Modeled velopharyngeal orifice area prediction during simulated stop consonant production in the presence of increased nasal airway resistance. Cleft Palate J, 22: 149-153, 1985.

Smith, BE, Reisberg, DJ, Hill, JH, and Maddox, CM. A preoperative counseling aid for tracheo-esophageal puncture. Otolaryngol-Head Neck Surg, 93: 686-687, 1985.

Smith, BE, Skef, Z, Cohen, M, and Dorf, DS. Aerodynamic assessment of the results of pharyngeal flap surgery: A preliminary investigation. Plast Reconstr Surg, 76: 402-408, 1985.

Smith, BE. Aerodynamic characteristics of Blom-Singer low pressure voice prostheses. Arch Otolaryng, 112: 50-52, 1986.

Smith, BE and Guyette, TW. Estimation of nasal cross-sectional areas, using oral versus nasal pressure measurements. Cleft Palate J, 25: 199-203, 1988.

Smith, BE, Fiala, K, and Guyette, TW. Partitioning model nasal airway resistance into its nasal cavity and velopharyngeal components. Cleft Palate J, 26: 327-330, 1989.

Andreassen, M, **Smith, BE**, and Guyette, T, Pressure-flow measurements for selected oral and nasal sound segments produced by normal subjects produced by normal adults. Cleft Palate J. 29: 1-9, 1992.

Guyette, TW and **Smith, BE**. Partitioning the nasal airway in normal adult subjects. Amer J Rhino, 6: 93-100, 1992.

Cohen, M, **Smith, BE**, Guyette, TW, and Polley, J: Functional and aesthetic reconstruction of unilateral cleft lip nasal deformity. Plastic Surgery Forum, 16: 306-308, 1993.

Smith, BE and Guyette, TW. Component approach for partitioning nasal airway resistance: Pharyngeal flap case studies. Cleft Palate J, 30: 78-81, 1993.

Guyette, TW, **Smith, BE**, and Reisberg, D. Aerodynamic estimates of induced anterior orifice openings in human subjects. Cleft Palate-Craniofac J, 31: 185-192, 1994.

Smith, BE and Guyette, TW. Observation: pressure-flow differences in performance during

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production of the CV syllables /pi/ and /pa/. Cleft Palate J, 33: 74-76, 1996.

Guyette, TW and **Smith, BE**. The effect of septal perforations on measures of nasal resistance: A model study. Cleft Palate-Craniofac J, 34: 129-134, 1996.

Geraghty, JA, Wenig, BL, **Smith, BE**, and Portugal, LG. Long-term follow-up of tracheoesophageal puncture results. Annals of Otolaryngology, Rhinology, and Laryngology, 105: 501-503, 1996.

Portugal, LG, Mehta, RH, **Smith, BE**, Matava, MJ, and Sabnani, JB. Objective assessment of the Breathe-Right device during exercise. American Journal of Rhinology, 1998.

Guyette, TW, Sanchez, AJ, and **Smith, BE**. Laryngeal airway resistance in cleft palate children with complete and incomplete velopharyngeal closure. Cleft Palate-Craniofac J, 37: 61-64, 2000.

Guyette, TW, Polley, J, Figueroa, A, and **Smith, BE**. Changes in speech following maxillary distraction osteogenesis. Cleft Palate-Craniofac J, 38: 199-205, 2001.

Guyette, TW, Polley, J, Figueroa, A, and **Smith, BE**. Changes in speech following unilateral mandibular distraction osteogenesis in patients with hemifacial microsomia. Cleft Palate-Craniofac J, 38: 179-184, 2001.

Kuehn, DP, Imrey, PB, Tomes, L, Jones, DL, O'Gara, MM, Seaver, EJ, **Smith, BE**, Van Demark, DR, and Wachtel, JM, Efficacy of continuous positive airway pressure for treatment of hypernasality. Cleft Plate-Craniofacial J, 39: 267-276, 2002.

Smith, BE, Guyette, TW, Patil, Y, and Brannan, TS, Pressure-flow measurements for selected nasal sound segments produced by normal children and adolescents. Cleft Palate-Craniofacial J, 40: 158-164, 2003.

Cohen, M, **Smith, BE**, and Daw, JL, Secondary unilateral cleft lip nasal deformity: Functional and esthetic reconstruction. J Craniofacial Surgery, 14: 1-10, 2003.

Smith, BE and Guyette, TW, Evaluation of cleft palate speech, In Clinics in Plastic Surgery, 31:251-260, 2004.

Smith, BE, Patil, Y, Guyette, TW, and Brannan, TS, Selected oral sound segments produced by normal children and adolescents: A basis for clinical testing. J Craniofacial Surgery, 15: 247-254, 2004.

Smith, BE and Kuehn, DP, Speech evaluation of velopharyngeal dysfunction. J Craniofacial Surgery, 18: 251-261, 2007.

De Felipe, NLO, Da Silveira, AC, Viana, G, Kusnoto, B, **Smith, BE**, and Evans, CA, Relationship between rapid maxillary expansion and nasal cavity size and airway resistance: Short- and long-term effects. Am J Orthod Dentofacial Orthop, 134: 370-382, 2008.

De Felipe, N.; Bhushan, N.; Da Silveira, A.; Viana, G.; **Smith, BE**. Long term effects of orthodontic therapy on the maxillary dental arch and nasal cavity, Am J Orthod Dentofacial Orthop 136:490.e1-490.e8, 2009.

De Felipe, N, Da Silveira, A, Viana, G, and **Smith, BE**. Influence of palatal expanders on oral comfort, speech, and mastication. Am J Orthod Dentofacial Orthop 137:48-53, 2010.

Smith, BE, Kempster, GB, and Sims, HS, Patient factors related to voice therapy attendance and outcomes. J of Voice 24: 694-701, 2010.

Lamberghini, F, Kaste, LM, Shahrbanoo, F, Koerber, A, Punwani, IC, **Smith, BE**, An association of premature loss of primary maxillary incisors with speech production of bilingual children. Pediatric Dentistry 34: 239-243, 2012.

Smith, BE, Bahr, R, and Hernandez, H, Voice therapy with seniors: Attendance, outcomes, and associated patient characteristics. Accepted for publication in Perspectives, SIG 3, July, 2019.

Letter to the Editor

Annals of Plastic Surgery, 19:390, 1987. RE: L. Barot, et al., Surgical Indications and Techniques for Posterior Pharyngeal Flap Revision. **Smith, BE**, Cohen, M, and Dorf, D.S.

Newsletter Publication

Smith, BE and Bahr, RH, "Patient perceptions of treatments for spasmodic dysphonia: On-line survey results." Appeared in E-Voice, the newsletter of the National Spasmodic Dysphonia Association. February, 2018.

Product Publication

Cohen, M and **Smith, BE**, "Functionally beautiful: Correcting function aspects of cleft nasal deformities." Plastic Surgery Products. 16-18, September, 2002.

Published Abstracts

Smith, BE, Tiesenga, J, and Guyette, T, "A comparison of posterior and anterior rhinomanometry in calculation of simulated upper airway resistance." Annual Meeting of the America Cleft Palate Association, San Antonio, TX, 1988, p.39.

Guyette, T and **Smith BE**, "Clinical aerodynamics: Assessing nasal and velopharyngeal function during breathing and speech", Annual Meeting of the American Cleft Palate-Craniofacial Association, St. Louis, MO, 1990, p.42.

Smith, BE and Guyette, T, "Partitioning nasal airway resistance in normal adults", ASHA, 33, 10, 1991, p.193.

Smith, BE, Andreassen, M, and Guyette, T, "Pressure-flow measurements for selected oral-nasal segments produced by normal adults", ASHA, 33, 10, 1991, p.194.

Cohen, M, **Smith, BE** and Guyette, T, "Secondary correction of unilateral cleft nasal deformity: Experience with 80 consecutive patients", Annual Meeting of the American Cleft Palate-Craniofacial Association, Portland, OR, 1992, p.34.

Cohen, M, **Smith, BE**, Guyette, T, and Polley, J, "Functional and aesthetic reconstruction of

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secondary cleft lip nasal deformity”, American College of Surgeons 78th Annual Clinical Congress, New Orleans, LA, 1992, p.72.

Smith, BE and Guyette, T, “Nasal airway resistance before and after pharyngeal flap surgery: Preliminary data”. Annual Meeting of the American Cleft Palate-Craniofacial Association, Pittsburgh, PA, 1993, p.68.

Smith, BE and Guyette, T, “Pressure-flow measurements for normal children”, Annual Meeting of the American Cleft Palate-Craniofacial Association, Toronto, Canada, 1994, p.65.

Smith, BE and Guyette, T, “SBNA: The pressure-flow experience”, Annual Meeting of the American Cleft Palate-Craniofacial Association, Toronto, Canada, 1994, p.42.

Cohen, M, **Smith, BE**, Guyette, T, and Polley, J, “Objective evaluation of nasal function following correction of cleft nasal deformities”, Annual Meeting of the American Cleft Palate Craniofacial Association, Toronto, Canada, 1994, p.46.

Guyette, T, Zanin, A, and **Smith, BE**, “Laryngeal airway resistance in cleft palate children”, Annual Meeting of the American Cleft Palate-Craniofacial Association, Tampa, FL, 1995, p.62.

Guyette, T, Aizenstein, R, O’Neill, H, Peterson-Falzone, S, and **Smith, BE**, “Magnetic resonance imaging of the velopharynx during speech”, Annual Meeting of the American Cleft Palate-Craniofacial Association, Tampa, FL, 1995, p.39.

Smith, BE, Guyette, T, and Gibson, S, “Aerodynamic categorization of velopharyngeal function in children”, Annual Meeting of the American Cleft Palate-Craniofacial Association, Tampa, FL, 1995, p.41.

Smith, BE, Guyette, T, and Cohen, M, “Component nasal resistance in children”, Annual Meeting of the American Cleft Palate-Craniofacial Association, Tampa, FL, 1995, p.41.

Guyette, T, **Smith, BE**, and Cohen, M, “The effect of septal fistula on anterior nasal resistance”, Annual Meeting of the American Cleft Palate-Craniofacial Association, Tampa, FL, 1995, p.49.

Cohen, M, **Smith, BE**, Guyette, T, and Polley, J, “Functional and aesthetic correction Of cleft nasal deformities”, Annual Meeting of the American Cleft Palate-Craniofacial Association, San Diego, CA, 1996, p.47.

Cohen, M, Polley, J, **Smith, BE**, and Guyette, T, “Functional and aesthetic correction of cleft nasal deformities: An update”, Annual Meeting of the American Cleft Palate-Craniofacial Association, New Orleans, LA, 1997, p.46.

Guyette, T and **Smith, BE**, “The relationship between nasalance scores and pressure-flow estimates of velopharyngeal orifice size”, Annual Meeting of the American Cleft Palate-Craniofacial Association, New Orleans, LA, 1997, p.50

Guyette, T, Polley, J, Figueroa, A, **Smith, BE**, and Cohen, M, “Changes in speech following maxillary advancement surgery”, Annual Meeting of the American Cleft Palate-Craniofacial Association, New Orleans, LA, 1997, p.65.

Smith, BE, Guyette, T, and Licameli, G, “Preliminary aerodynamic speech data for normal children and adolescents”, Annual Meeting of the American Cleft Palate-Craniofacial Association, Baltimore,

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MD, 1998, p.68.

Smith, BE, Guyette, T, and Cohen, M, "Preliminary nasal breathing data for normal children and adolescents", Annual Meeting of the American Cleft Palate-Craniofacial Association, Baltimore, MD, 1998, p.68.

Guyette, T, Polley, J, Figueroa, A, and **Smith, BE**, "Changes in the speech of cleft palate patients following maxillary distraction", Annual Meeting of the American Cleft Palate-Craniofacial Association, Baltimore, MD, 1998, p.76

Guyette, TW, Polley, J, and **Smith, BE**, "Changes in resonance and velopharyngeal function following pharyngeal flap takedown surgery", Annual Meeting of the American Cleft Palate-Craniofacial Association, Atlanta, GA, 2000, p.47.

Kuehn, D, Imrey, P, Tomes, L, Jones, D, O'Gara, M, Seaver, E, **Smith, BE**, Van Demark, D, and Wachtel, J, "Efficacy of continuous positive airway pressure (CPAP) in the treatment of hypernasality", Annual Meeting of the American Cleft Palate-Craniofacial Association, Atlanta, GA, 2000, p.63.

Smith, BE, Guyette, TW, Licameli, G., and Cohen, M., "Nasal airflow biofeedback in speech therapy to improve velopharyngeal function", Annual Meeting of the American Cleft Palate-Craniofacial Association, Atlanta, GA, 2000, p.46.

Smith, BE, Guyette, T, Patil, Y., and Cohen, M, "Normative nasal airway resistance and cross sectional areas for children, adolescents, and adults using component rhinomanometry", American Journal of Rhinology: Special Issue (Program and abstracts for the meeting, The Nose 2000...And Beyond), Washington, DC, 2000, p. A-126.

Cohen, M, **Smith, BE**, and Guyette, T, "Functional and aesthetic correction of cleft nasal deformity", American Journal of Rhinology: Special Issue (Program and abstracts for the meeting, The Nose 2000...And Beyond), Washington, DC, 2000, p. A-134.

Cohen, M, **Smith, BE**, and Daw, J., "Unfavorable results after cleft lip and palate surgery: avoidance and treatment", Annual Meeting of the American Cleft Palate-Craniofacial Association, Minneapolis, MN, 2001, p.58.

Reisberg, D, **Smith, BE**, and Guyette, T., "Restoration of oral mechanics: The speech-prosthetic team", Annual Meeting of the American Cleft Palate-Craniofacial Association, Minneapolis, MN, 2001, p.57

Daw, JL, Patel, PK, **Smith, BE**, O'Gara, M, and Guyette, TW, "Quantitative assessment of nasal function in craniofacial anomalies", Annual Meeting of the American Cleft Palate-Craniofacial Association, Seattle, WA, 2002, p. 62.

Smith, BE, Kaisling, T, Shahani, M, and DaSilveira, A, "Checklists for medical record documentation of CPO, UCLP, and BCLP patient visits: Improving team follow-up and patient care", Annual Meeting of the American Cleft Palate-Craniofacial Association, Chicago, IL, 2004, p.55.

Smith, BE, DaSilveira, A, Ziai, M, Dolter, C, and Shahani, M, "Profiles of CPO and CLP patients: One team's experience", Annual Meeting of the American Cleft Palate-Craniofacial Association, Chicago, IL, 2004, p.67.

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Smith, BE, Kempster, GB, and Sims, HS, "Patient factors related to voice therapy attendance and outcomes", Annual Symposium: Care of the Professional Voice, Philadelphia, PA, 2009.

Smith, BE, Bahr, R, and Hernandez, H, "Voice therapy with seniors: Attendance, outcomes and associated patient characteristics", Annual Symposium: Care of the Professional Voice, Philadelphia, PA, 2016.

Bahr, R and **Smith, BE**, "Patient's Perceptions of Treatments for Spasmodic Dysphonia", Paper presented at the 45th Annual Symposium: Care of the Professional Voice, Philadelphia, PA, 2016.

Course Text

Smith, BE, Jaworski, CM, Kingsbury, N, and Redmond, K. Speech-Language Pathology Handbook for Resident Physicians, Copyright, 1988, Board of Trustees, University of Illinois.

Chapters in Books

Smith, BE and Guyette, TW. Velopharyngeal insufficiency. In M. Cohen (Ed.) Mastery of Surgery (BC Decker, Toronto, Canada) 1994.

Cohen, M and **Smith, BE**. Unfavorable results with cleft lip and palate repair. In R. Goldwyn and M. Cohen (Eds.) Unfavorable Result in Plastic Surgery: Avoidance and Treatment 3rd Ed. (Lippincott Williams & Wilkins, 2001)

Peer Reviewed Presentations:

Smith, BE and Bahr, R, Climate Change and the Voice: A Postcard from Florida. Poster presentation accepted for presentation at the American Speech-Language-Hearing Association annual convention in Orlando, November, 2019.

Smith, BE, Bahr, R, and Hernandez, H, Voice therapy with seniors: Attendance, outcomes and associated patient characteristics. Paper presented at the 45th Annual Symposium: Care of the Professional Voice, Philadelphia, PA, 6/4/2016.

Bahr, R and **Smith, BE**, Patient's Perceptions of Treatments for Spasmodic Dysphonia, Paper presented at the 45th Annual Symposium: Care of the Professional Voice, Philadelphia, PA, 6/4/2016.

Smith, BE, Kempster, G, and Sims, HS, Patient factors related to voice therapy attendance and outcomes. Paper presentation, The Voice Foundation's 38th Annual Symposium: Care of the Professional Voice, Philadelphia, PA, 6/6/2009.

Lamberghini, F, Punwani, I, **Smith, BE**, Fadavi, S, Koerber, A, and Kaste, Premature loss of primary teeth and speech development, poster session at the 85th General Session and Exhibition of IADR/AADR/CADR, New Orleans, LA, 3/21-3/24/2007.

Sims, HS, **Smith, BE**, and Johnson, BC, The predictive value of the voice handicap index-30. Paper presentation, The 36th Annual Symposium: Care of the Professional Voice, Philadelphia, PA, 6/2007.

Smith, BE, Da Silveira, A, Ziai, M, Dolter, C, and Shahani, M, Profiles of CPO and CLP patients: One team's experience. Paper presentation, American Cleft Palate-Craniofacial Association annual

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convention, Chicago, IL, 3/19/2004.

Smith, BE, Kaisling, T, Shahani, M, and DaSilveira, A, Checklists for medical record documentation of CPO, UCLP, and BCLP patient visits: Improving team follow-up and patient care, Paper presentation, American Cleft Palate-Craniofacial Association annual convention, Chicago, IL, 3/17/2004.

Daw, JL, Patel, PK, **Smith, BE**, O’Gara, M, and Guyette, T, Quantitative assessment of nasal function in craniofacial anomalies, Paper presentation, American Cleft Palate-Craniofacial Association annual convention, Seattle, WA, 5/3/2002.

Cohen, MN, Daw, JL, and **Smith, BE**, Prevention and management of complications after cleft lip and palate surgery, Short course presentation at the annual meeting of the American Society of Plastic Surgeons, Orlando, Florida, 11/7/2001, and San Antonio, TX, 11/4/2002.

Cohen, M, **Smith, BE**, and Daw, J., “Unfavorable results after cleft lip and palate surgery: avoidance and treatment”, American Cleft Palate-Craniofacial Association, annual meeting, Minneapolis, MN, 4/26/01.

Reisberg, D, **Smith, BE**, and Guyette, T., “Restoration of oral mechanics: The speech-prosthetic team”, American Cleft Palate-Craniofacial Association, annual meeting, Minneapolis, MN, 4/26/01.

Smith, BE, Guyette, T, Patil, Y., and Cohen, M, Normative nasal airway resistance and cross-sectional areas for children, adolescents, and adults using component rhinomanometry, paper presentation, International Rhinologic Society: The Nose 2000...And Beyond, Washington, DC, 9/22/2000.

Cohen, M, **Smith, BE**, and Guyette, T, Functional and aesthetic correction of cleft nasal deformity, International Rhinologic Society: The Nose 2000...And Beyond, Washington, DC, 9/22/2000.

Guyette, TW, Polley, J, and **Smith, BE**, “Changes in resonance and velopharyngeal function following pharyngeal flap takedown surgery”, American Cleft Palate-Craniofacial Association, annual meeting, Atlanta, GA, 4/12/2000.

Kuehn, D, Imrey, P, Tomes, L, Jones, D, O’Gara, M, Seaver, E, **Smith, BE**, Van Demark, D, and Wachtel, J, “Efficacy of continuous positive airway pressure (CPAP) in the treatment of hypernasality”, American Cleft Palate-Craniofacial Association, annual meeting, Atlanta, GA, 4/14/2000.

Smith, BE, Guyette, TW, Licameli, G., and Cohen, M., “Nasal airflow biofeedback in speech therapy to improve velopharyngeal function”, American Cleft Palate-Craniofacial Association, annual meeting, Atlanta, GA, 4/12/2000.

Smith, BE, Nasal airflow biofeedback in speech therapy to improve velopharyngeal function for speech: A case illustration, Illinois Association of Cleft Teams, Difficult Case Conference, Chicago, 5/19/2000.

Cohen, M and **Smith, BE**, “Functional and Aesthetic Reconstruction of Cleft Nasal Deformities”, Instructional Course, Annual Meeting of the American Society of Plastic and Reconstructive Surgeons, Boston, Massachusetts, 10/7/98, New Orleans, Louisiana, 10/27/99, and Los Angeles, 10/18/2000.

Smith, BE, Guyette, T, and Licameli, G, “Preliminary aerodynamic speech data for normal children and adolescents”, American Cleft Palate-Craniofacial Association, annual meeting, Baltimore, MD,

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4/24/98.

Smith, BE, Guyette, T, and Cohen, M, "Preliminary nasal breathing data for normal children and adolescents", American Cleft Palate-Craniofacial Association, annual meeting, Baltimore, MD, 4/24/98.

Guyette, T, Polley, J, Figueroa, A, and **Smith, BE**, "Changes in the speech of cleft palate patients following maxillary distraction", American Cleft Palate-Craniofacial Association, annual meeting, Baltimore, MD, 4/25/98.

Cohen, M, Polley, J, **Smith, B**, and Guyette, T, "Functional and aesthetic correction of cleft nasal deformities: An update", American Cleft Palate-Craniofacial Association, annual meeting, New Orleans, LA, 4/10/97.

Guyette, T and **Smith, BE**, "The relationship between nasalance scores and pressure-flow estimates of velopharyngeal orifice size", American Cleft Palate-Craniofacial Association, annual meeting, New Orleans, LA, 4/11/97.

Guyette, T, Polley, J, Figueroa, A, **Smith, BE**, and Cohen, M, "Changes in speech following maxillary advancement surgery", American Cleft Palate-Craniofacial Association, annual meeting, New Orleans, LA, 4/9-4/10/97.

Guyette, T, Polley, J, Kuehn, D, and **Smith, BE**, Inconsistent velopharyngeal function: Response to speech therapy. Illinois Association of Cleft Teams, Difficult Case Conference, Chicago, 5/10/96.

Cohen, M, **Smith, BE**, Guyette, T, and Polley, J, Functional and aesthetic correction of cleft nasal deformities. American Cleft Palate-Craniofacial Association, annual meeting, San Diego, 4/25/96.

Smith, BE, Guyette, TW, and Cohen, M. Relationships among objective measures of the nasal airway, hyponasality and objective symptoms, American Cleft Palate-Craniofacial Association, poster presentation, San Diego, 4/26-27/96.

Hufnagle, J, **Smith, BE**, and O'Gara, MA, 18 year old with VP dysfunction: Neurogenic etiology? Illinois Association of Cleft Teams, Difficult Case Conference, Chicago, 5/2/95.

Guyette, TW, **Smith, BE**, and Cohen, M, The effect of septal fistula on anterior nasal resistance, American Cleft Palate-Craniofacial Association, annual convention, Tampa, Florida, 4/28/95.

Smith, BE, Guyette, TW, and Gibson, S, Aerodynamic categorization of velopharyngeal function in children. American Cleft Palate-Craniofacial Association, annual convention, Tampa, Florida, 4/26/95.

Guyette, T, Aizenstein, R, O'Neill, H, Peterson-Falzone, S, and **Smith, BE**, Magnetic resonance imaging of the velopharynx during speech. American Cleft Palate-Craniofacial Association, annual convention, Tampa, Florida, 4/26/95.

Guyette, TW, Zanin, A, and **Smith, BE**, Laryngeal airway resistance in cleft palate children. American Cleft Palate-Craniofacial Association, poster presentation, Tampa, Florida, 4/26-28/95.

Cohen, M, **Smith, BE**, Guyette, T, and Polley, J, Objective evaluation of nasal function following correction of cleft nasal deformities. American Cleft Palate-Craniofacial Association, annual convention, Toronto, Canada, 5/19/94.

Smith, BE and Guyette, TW, Pressure-flow measurements for normal children. American Cleft

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Palate-Craniofacial Association, poster presentation, Toronto, Canada, 5/18-20/94.

Smith, BE and Guyette, TW, SBNA: The pressure-flow experience. American Cleft Palate-Craniofacial Association, annual convention, Toronto, Canada, 5/18/94.

Smith, BE and Guyette, TW, Nasal airway resistance before and after pharyngeal flap surgery: Preliminary data. American Cleft Palate-Craniofacial Association, annual convention, poster presentation, Pittsburgh, PA, 4/20/93.

Cohen, M, **Smith, BE**, and Guyette, TW, Secondary correction of unilateral cleft nasal deformity: Experience with 80 consecutive patients. American Cleft Palate-Craniofacial Association, annual convention poster presentation, Portland, OR, 5/14/92.

Cohen, M, **Smith, BE**, and Guyette, TW, Secondary correction of unilateral cleft nasal deformity, American College of Surgeons, poster presentation, New Orleans, LA, 10/11/92.

Guyette, TW and **Smith, BE**, Partitioning the nasal airway in normal adults. American Speech-Language-Hearing Association, annual convention, Atlanta, GA, 11/24/91.

Smith, BE, Andreassen, M, and Guyette, TW, Pressure-flow measurements for selected oral-nasal segments produced by normal adults. American Speech-Language-Hearing Association, annual convention, Atlanta, GA, 11/24/91.

Guyette, TW and **Smith, BE**, Clinical aerodynamics: Assessing nasal and velopharyngeal function during breathing and speech. American Cleft Palate-Craniofacial Association, annual convention, short course, St. Louis, MO, 5/16/90.

Smith, BE, Tiesenga, J., and Guyette, TW. A comparison of posterior and anterior rhinomanometry in calculation of simulated upper airway resistance. American Cleft Palate Association, annual convention, San Antonio, TX, 3/11/88.

Smith, BE, Cohen, M, Dorf, DS, and Schafer, M. Aerodynamic assessment of the results of pharyngeal flap surgery. American Cleft Palate Association, annual convention, poster session, 5/16/86.

Maddox, CM and **Smith, BE**, Effects of simulate nasal obstruction on orifice area prediction. American Speech-Language-Hearing Association, annual convention, Washington, DC, 11/22/85.

Smith, BE and Maddox, CM. Palatopharyngeal orifice area estimation under conditions simulating pharyngeal flap reconstruction. American Speech-Language- Hearing Association, annual convention, Washington, DC, 11/22/85.

Smith, BE. Aerodynamic characteristics of Blom-Singer low-pressure voice prostheses. American Speech-Language-Hearing Association, annual convention, Washington, DC, 11/22/85.

Smith, BE, Moon, JB, and Weinberg, B, The effects of increased nasal airway resistance on velopharyngeal orifice area prediction. The Nose '84: An International Symposium on Nasal Physiology and Surgery, Chicago, IL, 6/7/84.

Smith, BE, Moon, JB, and Weinberg, B, Effects of increased nasal airway resistance on velopharyngeal orifice area prediction. American Speech-Language-Hearing Association, annual convention, 11/19/83.

Arends, JG, Reisberg, DJ, and **Smith, BE**, Compensation for partial glossectomy with a palatal drop prosthesis. Illinois Speech-Language-Hearing Association, annual convention, Chicago, IL, 4/28/83.

Smith, BE and Weinberg, B, Prediction of modeled velopharyngeal orifice areas during aerodynamic simulation of voiceless stop consonants. American Cleft Palate Association, annual convention, poster session, Denver, CO, 4/24/82.

Smith, BE and Weinberg, B, Velopharyngeal orifice area prediction during aerodynamic simulation of fricative consonants. American Speech-Language-Hearing Association, annual convention, 11/82.

Smith, BE and Weinberg, B, Prediction of velopharyngeal orifice areas: A re-examination of model experimentation. American Speech-Language-Hearing Association, annual convention, Detroit, MI, 11/80.

Weinberg, B, Horii, Y, and **Smith, BE**, Long-time spectral and intensity characteristics of esophageal speech. American Speech-Language-Hearing Association, annual convention, Atlanta, GA, 11/79.

Smith, BE, Weinberg, B, Feth, LL, and Horii, Y, Vocal roughness and jitter characteristics of vowels produced by esophageal speakers. American Speech-Language-Hearing Association, annual convention, Chicago, IL, 11/77.

Invited Presentations:

Smith, BE, "Voice Therapy for Spasmodic Dysphonia: What's the Same and What's Different?" Lecture to members of the Tampa Spasmodic Dysphonia Support Group at USF, Tampa, FL 9/11/2010.

Smith, BE, "Research at CFC: Aerodynamic Assessment of Breathing and Speech". Department of Communicative Disorders, Rush University, student research seminar, Chicago, IL, 2/3/99.

Smith, BE, "Care of the Professional Voice", presentation as part of a "Vocal Tech" panel, January meeting of the National Academy of Recording Arts & Sciences, Inc., Chicago chapter, 1/6/98.

Smith, BE and Guyette, T, "Normal Speech/Evaluation of VPI in Patients with Cleft". Resident lectures, Division of Plastic and Reconstructive Surgery, University of Illinois and Cook County Hospital, Chicago, IL, 2/21/96.

Smith, BE and Guyette, T, "Research at CFC: Aerodynamic Assessment of Breathing and Speech". Department of Speech and Hearing Science, University of Illinois at Urbana-Champaign, Proseminar for faculty and graduate students, Champaign, IL, 3/1/96.

Guyette, T and **Smith, BE**, "Nasopharyngoscopic Procedures and Aerodynamic Evaluation of Pharyngeal Flaps in Regard to Speech and Nasal Breathing". Presentation at monthly meeting of About Face, Chicago Chapter, 11/11/95.

Smith, BE, "Speech and swallowing rehabilitation following treatment of tumors of the mobile tongue". Panel discussion sponsored by the Advisory Council of Otorhinolaryngology, 80th Clinical Congress of the American College of Surgeons, Chicago, IL, 10/10/94 .

Smith, BE, "Speech and Swallowing Rehabilitation Following Treatment of Tumors of the Mobile Tongue". Panel Discussion participant (sponsored by the Advisory Council for Otorhinolaryngology) at

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the scientific program of the 80th Clinical Congress of the American College of Surgeons, Chicago, IL, 10/10/94.

Smith, BE, “Treating Voice Disorders”. South Metropolitan Association for Low-Incidence Handicapped half-day seminar for school speech-language pathologists, Flossmoor, IL, 9/16/93.

Smith, BE, Maddox, CM, and Redmond, K., A new forum for discussion of patient management and diagnosis among speech pathology students and colleagues. Chicago Speech and Hearing Association, spring meeting, 4/20/88.

Dorf, DS and **Smith, BE**. Speech problems related to orofacial defects Indiana Speech and Hearing Association, Inc., annual convention, 4/14/88.

Smith, BE, Aerodynamic assessment of pharyngeal flap surgery, Illinois Association of Cleft Teams, General Meeting, Chicago, IL, 10/6/89.

Smith, BE, Maddox, CM, and Redmond, K. A new forum for discussion of patient management and diagnosis among speech pathology students and colleagues. Chicago Speech and Hearing Association, spring meeting, Chicago, IL, 4/20/88.

Dorf, DS and **Smith, BE**, Speech problems related to Orofacial defects. Indiana Speech and Hearing Association, Inc., annual convention, Fort Wayne, IN, 4/14/88.

Smith, BE. Aerodynamic assessment of nasal respiration and palatopharyngeal function for speech. Plastic Surgery Section, Craniofacial Program, Indiana University Medical Center, Indianapolis, IN, 11/19/87.

Smith, BE and Maddox, CM. Tracheoesophageal puncture: The speech pathologist as detective, team-player, and realist. Chicago Speech and Hearing Association, Mini-seminar, 3/25/87.

Smith, BE and Maddox, CM, Tracheoesophageal puncture: The speech pathologist as detective, team-player, and realist. Chicago Speech and Hearing Association, mini-seminar, Chicago, IL, 3/25/87.

Bacon, MA, Karnell, M, and **Smith, BE**. The role of instrumentation in the evaluation and treatment of speech and swallowing disorders. Chicago Speech and Hearing Association, round table discussion, Chicago, IL, 10/29/86.

Workshop Development and Participation:

Smith, BE, “Voice Evaluation and Vocal Hygiene” (lecture) and “Voice Therapy and Instrumental Assessment of Voice Disorders” (break out session) as part of The 2007 Midwest Voice Conference: Focus on the Classroom, a one day workshop for teachers, with Nelson Roy, PhD, and Steve Sims, MD, sponsored by the Department of Otolaryngology—Head & Neck Surgery, University of Illinois at Chicago, Chicago, IL 8/17/2007.

Smith, BE, “Evaluation of the Speaking Voice”, Instructional Course. Midwest Symposium on Voice Care. Voice Disorders: Diagnosis and Therapy. Department of Otolaryngology—Head & Neck Surgery, University of Illinois at Chicago, Chicago, IL, 3/22/2002.

Smith, BE, “Evaluation of the Nasal Airway” as part of half day symposium: “Understanding and Treating the Speech Problems of Patients with Craniofacial Anomalies”; sponsored by the Craniofacial

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Center, University of Illinois Medical Center at Chicago, 7/23/99. This workshop was developed and coordinated by Dr. Smith and Dr. Thomas Guyette.

Smith, BE, “Voice Therapy and Behavioral Management”, general session presentation, Symposium medical chairperson, National Spasmodic Dysphonia Association: International Symposium in the Midwest Region. Chicago, IL, 5/22/98. This workshop was the first regional symposium given by the National Spasmodic Dysphonia Association and was coordinated with assistance from Dr. Smith.

Smith, BE, “Voice Therapy Techniques: Maximizing Your Potential”, afternoon workshop, Symposium medical chairperson, National Spasmodic Dysphonia Association: International Symposium in the Midwest Region. Chicago, IL, 5/22/98.

Smith, BE, “The Speech Pathologist/Scientist” Presenter in all-day symposium: “Craniofacial Anomalies: A Team Approach” for health care professionals in the Chicago area, University of Illinois at Chicago, 10/11/91.

Dorf, DS and **Smith, BE**. Selection of instrumentation for speech assessment. Cleft Lip and Palate: A 1986 Perspective. Center for Craniofacial Anomalies, Department of Pediatrics, University of Illinois at Chicago, Chicago, IL, 4/5/86.

Smith, BE, Stack, FM, Hill, JH, and Gavron, JP, Tracheoesophageal puncture for voice restoration following laryngectomy: Who's a candidate? University of Illinois at Chicago, one-day symposium, 10/25/85. This workshop was developed by Dr. Smith and Ms. Stack and Dr. Smith was primarily responsible for its coordination and execution.

Software Development:

“Nasal Mastr: Nasal Function Testing”, ICS Medical Corporation, Schaumburg, IL. Developed software for collection and analysis of nasal breathing data using the component approach (developed with Dr. Thomas Guyette) which provides average pressures, flows, resistances and areas at specific flow rates for the right nasal cavity, left nasal cavity, total nasal cavity, velopharynx, and total nasal airway, 1985-1990.

“Speech Mastr”; ICS Medical Corporation, Schaumburg, IL. Developed software for collection and analysis of pressure-flow data during speech, providing mean pressure, nasal flow, cross-sectional area at cursor points or pressure peaks for oral sounds and nasal flow peaks for nasal sounds, 1985-1990.

Research in Progress:

Smith, BE and Bahr, R. Prediction of patient non-attendance in voice therapy.

Smith, BE and Bahr, R. Long term follow-up of successful voice therapy patients.

Smith, BE and Bahr, R. Climate change effects on the voice.

IV. TEACHING, MENTORING AND ADVISING

Courses/Lectures:

Undergraduate—University of Illinois at Chicago (UIC)

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Ugrad., Grad.: Communication 315, Communication Training Techniques; UIC, 30 students; 1, 2-hour lecture, "Overview of Speech Production", 8/86-8/89.

Ugrd, UIC NUSC 310, undergraduate nursing course, "Stress, Coping, and the Health Care Provider", 1 hour lecture as part of this course during 5 semesters: Summer and Fall, 1994; Spring, Summer, and Fall, 1995

Graduate & Postgraduate—UIC

Medical student lectures on speech pathology topics; Department of Otolaryngology-Head & Neck Surgery; 2-10 students; 4, 1 hour lectures per rotation, 1983-2007.

Regular lectures on speech pathology topics to health care professionals at University of Illinois at Chicago Medical Center and to students in communication classes in the Department of Communication and Theater, University of Illinois, Chicago, 1983-89.

SHS 562, Craniofacial Anomalies; Rush University, Chicago, IL; 1, 2-hour lecture, "Aerodynamic Assessment of Nasal Respiration and Velopharyngeal Function for Speech", 1983-89.

Trainer, Department of Continuous Quality Improvement, UICMC, teaching 3, 2 day courses per year, as well as participant in other activities of the Department.

UIC ORTD524; graduate orthodontics course; "Lectures in Craniofacial Anomalies, Course I", 1 hour lecture on evaluation of craniofacial speech disorders, every fall, 2000-07.

UIC PROS621; graduates, residents and fellows in Prosthodontics, Maxillofacial Prosthetics; and graduate students in Biomedical Visualization (Medical Art); 1 hour lecture on Prosthodontist and Speech Pathologist team approach, patients seen, speech evaluation and treatment, yearly 2002-07.

Resident physician lectures covering speech pathology topics; Department of Otolaryngology-Head & Neck Surgery; 4-5 resident physicians; 2-8, 1 hour lectures per year, 1983-2007.

Graduate—University of South Florida (USF)

Lectures in Advanced Vocal Disorders course SPA6211, annually, from 2009-present, 1-5 hours per course offering, on topics including evaluation and treatment of resonance disorders, pressure-flow assessment of velopharyngeal and nasal function, and treatment of voice disorders.

Professional

USF, Tampa

4/16/2018; "Cherish and Celebrate Voice", University of South Florida, Tampa; lecture given to a total of 70 students in the Department of Communication Sciences and Disorders as part of World Voice Day 2018 celebration.

UIC

10/5/85; "Tracheoesophageal Puncture for Voice Restoration Following Laryngectomy: Who's a Candidate?"; University of Illinois at Chicago; 40 speech pathologists developed and moderated all day symposium

1983-89; 1-hour lectures on topics in speech pathology given to staff in Section of Gastroenterology, Division of Plastic Surgery, Department of Pediatrics, Center for Craniofacial Anomalies, Department of Otolaryngology-Head & Neck Surgery

National

Smith, BE and Lazarus, C, "How to Select a Speech Pathologist for Your Practice"; 1-hour instruction course co-authored and co-presented by the nominee at the annual meeting of American Academy of Otolaryngology- Head & Neck Surgery. 9/1987.

Smith, BE and Spagnoli, D, "The Cleft Palate Foundation Research Grants: How to Apply and Increase Your Chance for Funding", Complimentary Eye Opener given at the annual meeting the American Cleft Palate-Craniofacial Association, 1995-2002.

Cohen, M, Daw, J, and **Smith, BE**, "Functional and Aesthetic Reconstruction of Cleft Palate Deformities, Instructional Course, Annual Meeting of the American Society of Plastic and Reconstructive Surgeons, Boston, Massachusetts, New Orleans, Louisiana, Los Angeles, California, 10/7/98, 10/27/99, 10/18/2000, respectively.

Cohen, M, Daw, J, and **Smith, BE**, "Unfavorable results after cleft lip and palate surgery: avoidance and treatment", with M. Cohen and J. Daw, Study Session, Annual Meeting of the American Cleft Palate- Craniofacial Association, Minneapolis, Minneapolis, 4/26/2001.

Reisberg, D., Guyette, TW, and **Smith, BE**, "Restoration of oral mechanics: The speech-prosthetic team", with R. Reisberg and T. Guyette, Study Session, Annual Meeting of the American Cleft Palate-Craniofacial Association, Minneapolis, Minneapolis, 4/26/2001.

Cohen, M. and **Smith, BE**, "Prevention and Management of Complications after Cleft Lip and Palate Surgery, Instructional Course, Annual Meeting of the American Society of Plastic and Reconstructive Surgeons, Orlando, Florida and San Antonio, Texas, 11/7/2001 and 11/4/2002, respectively.

Graduate Students Supervised:

Jessica Hilo, MS, master's thesis, "Inspiratory Breathing Exercises for Vocal Tremor: A Preliminary Study", Department of Communication Sciences and Disorders, College of Behavioral and Community Sciences, University of South Florida, Tampa, FL; Supervised this student in the development of this project as well as the writing of the final draft of the thesis, Committee member, 2011-12.

Laura Lynn Shotts, PhD, dissertation, "The Ability of Temporal Air Pressure and Airflow Measures to Discriminate Subjects Receiving Velopharyngeal Insufficiency Surgery" University of Arkansas for Medical Sciences, University of Arkansas at Little Rock; Committee member, 2010-12.

Flavia Lambergheni, DDS, master's thesis, "The Effect of Premature Loss of Primary Teeth on Speech Production in Bilingual Children", Department of Pediatric Dentistry, University of Illinois at Chicago; Supervised this student with all aspects of study design and data collection, Committee member, 2005-06.

Stephanie Garb, MA, master's thesis, "Borderline Velopharyngeal Function", Department of Communication Disorders and Sciences, Rush University; Supervised this student with every aspect of study design, data collection and writing; Committee member, 2004-06.

Chin-Liang Leh, DDS, master's thesis, "The Effects of a Fan-Type Palatal Expander in Patients with Unilateral and Bilateral Cleft Lip and Palate", Department of Orthodontics, University of Illinois at Chicago; Supervised this student in the development of his research project, completed pressure-flow breathing and speech measurements for the study; and assisted in interpreting results and serve as an adjunct member of his thesis committee, 2004-06.

Darshana Subbaraju, D-4 Dental Student, research project in progress, "Regimen Compliance and the Craniofacial Patient", College of Dentistry, University of Illinois at Chicago; Advised on questionnaire development; identified problems in compliance in speech area; and identified subjects for study, 2004-05.

Nancy Oliveira, DDS, research project, "Perceptual Speech Improvement after Placement of Palatal Expanders"; master's thesis, "Assessment of Rapid Maxillary Expansion and Its Effect on Nasal Cavity Cross-Sectional Area, Volume, and Airway Resistance", Department of Orthodontics, University of Illinois at Chicago; Assisted in development of study and experimental design, questionnaire development for the first project; and in data interpretation and editing research writing, 2002-2007.

Lisa Gorelick, speech pathology graduate student at Rush University, research assistant on National Institute of Dental Research (NIH) grant; "CPAP Therapy for Hypernasality in Cleft Palate Subjects"; Supervised this student re: every aspect of data collection for research subjects, including CPAP speech exercise program supervision, contacting the subjects to insure their correct execution of project and analysis of speech responses, 1994-95.

Kim Lemons, speech pathology graduate student at Rush University, research assistant on National Institute of Dental Research (NIH) grant; "CPAP Therapy for Hypernasality in Cleft Palate Subjects"; Supervised this student re: every aspect of data collection for research subjects, including CPAP speech exercise program supervision, contacting the subjects to insure their correct execution of project and analysis of speech responses, 1993-94.

Amy Wurster, speech pathology graduate student at Rush University, research assistant on National Institute of Dental Research (NIH) grant; "CPAP Therapy for Hypernasality in Cleft Palate Subjects"; Supervised this student re: every aspect of data collection for research subjects, including CPAP speech exercise program supervision, contacting the subjects to insure their correct execution of project and analysis of speech responses, 1992-93.

David Henry, "The Employment Interview and Persons with Disabilities: An Investigation Using the Elaboration Likelihood Model of Persuasion"; doctoral dissertation; committee member; University of Illinois at Chicago, IL, 1991-92.

Lou Tomes, "Velopharyngeal Orifice Areas During Tasks Used Clinically to Stimulate Improved Velopharyngeal Closure"; doctoral dissertation; Consultant on methodology; 6/15/90-11/22/90. University of Arizona, Tucson, AR, degree awarded 8/1994.

Meri Andreassen, "Pressure-flow measurements for selected oral and nasal sound segments produced by normal subjects produced by normal adults." Director of graduate student research project, 1989-90.

Fred Park, "The Effects of Facial Growth on Pharyngeal Flap Surgery"; Co-director of this medical student research project, University of Illinois, Chicago, IL, 1986-87.

Kathleen Fiala, "A Comparison of Posterior and Anterior Rhinomanometry in Calculation of Nasal Resistance in Patients with Increased Nasal Obstruction"; Director of this graduate student research project, Department of Speech and Hearing Sciences, University of Illinois at Urbana-Champaign, 1987.

Resident Physicians Supervised:

Yash Patil, MD, "Pressure-Flow Measurements for Selected Oral and Nasal Sound Segments Produced by Normal Children and Adolescents: A Preliminary Study"; Directed this resident physician research project, Department of Otolaryngology—Head & Neck Surgery; University of Illinois at Chicago. Supervised every aspect of this resident's research experience on this ongoing project, including providing information about the work (literature review), design, statistical analysis, making of slides, and guiding the formulation of the presentation, 1999-2001

Yash Patil, MD, "Preliminary Nasal Breathing Data for Normal Children and Adolescents"; Directed this resident physician research project, Department of Otolaryngology—Head & Neck Surgery; University of Illinois at Chicago. Supervised every aspect of this resident's research experience on this ongoing project, including providing information about the work (literature review), design, statistical analysis, making of slides, and guiding the formulation of the presentation, 1998.

Raj Mehta, MD, "Objective Assessment of the Breath-Right™ Device During Exercise", Assistant director of this resident physician research project, Department of Otolaryngology—Head & Neck Surgery; University of Illinois at Chicago. Supervised collection of rhinomanometric data and write up of this aspect of the project as well as providing background information on rhinomanometry, making

of slides, and guiding the formulation of this presentation, 1996-97.

James Geraghty, MD, "Long-term Follow-up of Tracheoesophageal Puncture Results", Assistant director of this resident physician research project, Department of Otolaryngology—Head & Neck Surgery; University of Illinois at Chicago. Supervised collection of speech data and write up of this aspect of the project as well as providing background information on tracheoesophageal puncture speech, making of slides, and guiding the formulation of this presentation, 1995.

David Walner, MD, "The Effect of Adenotonsillar Surgery on Resistance Components of the Nasal Airway", Director of this resident physician research project, Department of Otolaryngology—Head & Neck Surgery; University of Illinois at Chicago. Supervised every aspect of this resident's research experience on this ongoing project, including providing information about the work (literature review), design, IRB submission, testing of patients, statistical analysis, making of slides, and guiding the formulation of the presentation, 1994-95.

Sharon Gibson, MD, "Analysis of Voice Following Laryngotracheal Reconstruction", Assistant director of this resident physician research project, Department of Otolaryngology—Head & Neck Surgery; University of Illinois at Chicago. Supervised write up of the voice aspect of the project as well as providing background information on voice analysis, making of slides, and guiding that aspect the formulation of this presentation, 1992.

Lon Petchenik, MD, "Clinical and Rhinomanometric Evaluation of Nasal Obstruction: A Preliminary Study", Assistant director of this resident physician research project, Department of Otolaryngology--Head & Neck Surgery; University of Illinois at Chicago. Supervised collection of rhinomanometric data and write up of this aspect of the project as well as providing background information on rhinomanometry, making of slides, and guiding the formulation of this presentation, 1991.

Jane Tiesenga, MD, "A Comparison of Posterior and Anterior Rhinomanometry in Calculation of Simulated Nasal Airway Resistance", Director of this resident research project, Department of Otolaryngology-Head & Neck Surgery; University of Illinois at Chicago. Supervised every aspect of this resident's research experience on this project, including providing information about the work (literature review), design, IRB submission, data collection, statistical analysis, making of slides, and guiding the formulation of the presentation, 1986.

Direction of Research Associates, Visiting Scholars, and Technicians:

Timothy Brannan, graduate student in statistics, Department of Medical Education, University of Illinois at Chicago. Statistician on research project, 1999-2001. Advised on this research analyses of normative speech data resulting in two publications.

J. Sabnani, research assistant in the Department of Otolaryngology-Head & Neck Surgery, Supervised and guided this research assistant in collection of rhinomanometric data and write up of this aspect of the project "Objective Assessment of the Breath-Right™ Device During Exercise", Resident Research project, as well as providing background information on rhinomanometry, making of slides, and guiding the formulation of this presentation and related publication University of Illinois at Chicago, , 1996-97

Debra S.Dorf, MA, Speech Pathologist, Center for Craniofacial Anomalies (CCFA), Department of Pediatrics, University of Illinois at Chicago. Directed Ms. Dorf's review of research projects for grant submission and also provided direction in development of a protocol for using instrumental

assessment of velopharyngeal function for speech and provided direction in development of written material describing the speech pathology program at CCFA, 1985-90.

Paul Chan, Computer Programmer, ICS Medical, Schaumburg, Illinois. Directed Mr.Chan's development of a computer program for analyses and display of pressure-flow data generated during breathing and speech activities. The program is unique in its ability to allow the examiner to display nasal cavity and velopharyngeal components of nasal airway resistance, this notion following from the Dr. Smith's research efforts. Dr. Smith and representatives of the University of Illinois worked on company distribution of this product, 1984-90.

Susan D. McGarvey, MS, Speech Pathologist, Veterans Administration Medical Center, Indianapolis, Indiana. Directed Ms. McGarvey's development and submission of her grant application which was approved for funding by the VA Medical Center, Indianapolis, 1984-85.

Students Supervised as part of the American-Speech-Language-Hearing Association's S.T.E.P Mentoring Program:

Kimberly Miller-Smith, master's student in speech-language pathology at Idaho State University, Fall, 2018-Fall, 2019. Assisted Ms. Miller-Smith in professional issues related to transitioning from student to professional placement, including securing observational experiences in her areas of interest, including voice disorders, job interviews and work related issues.

V. SERVICE

Editorial Board Memberships and Reviewing:

2018	Chair of review committee for poster session submissions in health care/business categories for the ASHA Connect conference.
2004-07	Co-Section Editor for Speech, <u>Cleft Palate-Craniofacial Journal</u> .
1991-97	Reviewer for the <u>Journal of Speech and Hearing Research</u> .
1989-2008	Reviewer for the <u>Cleft Palate-Craniofacial Journal</u> .

State and National Committee Memberships/Positions Held:

2007-09 Member of the Speech Pathology Professional Affairs Subcommittee of the American Cleft Palate-Craniofacial Association and American Speech-Language-Hearing Association's Division #5 Liaison committee, charged with developing more PhD professionals and training/education in the area of craniofacial speech.

2006-09 Member of the Executive Council, American Cleft Palate-Craniofacial Association.

2004-07 Co-Chair, Speech Pathology Affairs Task Force, American Cleft Palate-Craniofacial Association and American Speech-Language-Hearing Association, Special Interest Division #5, charged with developing more PhD professionals and training/education in the area of craniofacial speech.

2003-05 President, Illinois Association of Craniofacial Teams.

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2002 Chairperson of Cleft Palate Foundation's Research Agenda Committee. This committee was responsible for determining the direction of research for the Foundation.

2001-03 President Elect, Illinois Association of Cleft Teams.

2000 Member, Nominating Committee, American Cleft Palate-Craniofacial Association. This committee's members were selected by membership vote at the annual convention of this association, and committee members select the slate of officers to run in the fall annual election.

1999-2003 Secretary, Illinois Association of Cleft Teams

1997-2001 Chair of the Research Grants Committee, ACPA

1993-2001 Member of the Research Grants Committee, American Cleft Palate-Craniofacial Association. This committee is responsible for reviewing grant proposals submitted during the year to three categories and selecting the top grant in each category for funding.

1994-98 Member of the Parameters Committee, American Cleft Palate-Craniofacial Association. This committee is responsible for modifying the Association's Parameters of Care document by keeping up to date with significant policy, surgical, research, and procedural changes in individual subspecialty areas.

1994-96 Representative to the Illinois Speech and Hearing Association (ISHA) from the Chicago chapter (Chicago Audiology Speech-Language Pathology Association). Attended all rep council meetings and reported activity of the local chapter to ISHA and vice-versa.

1991-93 Member of the Audiovisual Committee, American Cleft Palate-Craniofacial Association. This committee was responsible for cataloging, storing, and making available the slides and videotapes of the Association.

1991 Member of the speech science subcommittee, program committee for the annual American Speech-Language-Hearing Association (ASHA) convention.

1989-91 Member of the Speech Science Track Committee for the annual convention of the Illinois Speech and Hearing Association convention.

1989-90 Member of the Grants Review Committee of the Chicago Speech-Language-Hearing Association.

Service to the University:

Departmental Committees—USF

Founder and member of The Voice Consortium at USF. This group is comprised of faculty members at USF and USF Health and was developed to improve teaching, clinic care, and research activities in the area of voice, first at USF with the goal of expanding their activities at the regional, state, national and international levels; provides leadership for this group of voice professionals at University of South Florida, Tampa, 2017-present.

Departmental Committees—UIC

Member of the Research Committee, the Center for Craniofacial Anomalies, University of Illinois, Chicago. This committee was responsible for reviewing all research grant proposals, and use of the Center's data bank and/or patient care files. 1990s.

Member of the Search Committee for the EEI Service Line Administrator, University of Illinois, Chicago. 1997.

Member of the Rehabilitation and Therapeutic Services Committee of the Hospital, University of Illinois at Chicago, 1990-92.

Member of the Resident Issues Subcommittee, Department of Pediatrics, University of Illinois at Chicago, 1990-92.

Member of the Employee Recognition Award Committee, EEI, University of Illinois, Chicago. 1990-91

Member of the Resident Research Committee, Department of Otolaryngology-Head & Neck Surgery, University of Illinois, Chicago. This committee was responsible for supervising resident research and the resident research rotation. 1980s.

UIC Hospital Committees

Member of the Director's Council, a committee of Medical Center Directors (department administrators) who are voted on by their peers to advise the Leadership at the Medical Center (CEO, CFO, COO) on issues relevant to management of the Medical Center, 2000-2005.

Member of Continuous Quality Improvement initiative at the University of Illinois Medical Center; one of eight medical center employees selected to be a trainer in this initiative, and, as such, attended instructional programs and participated in the development of CQI courses at the Medical Center; continued to be an instructor for the Foundations of CQI course offered to employees at the Medical Center. 1994-1999.

Service to the Community:

3/20/2021—presented to the virtual meeting of the Florida State Support Group for persons with spasmodic dysphonia, sponsored by the National Spasmodic Dysphonia Association. Presented on putting voice therapy for SD in context with other treatments for SD as well as with traditional voice therapy techniques.

9/2010—presented on voice characteristics and Voice Therapy for SD to Tampa Bay Spasmodic Dysphonia Support Group

2009—present, Member of the Charlotte County (FL) Chamber of Commerce

2009-13, regularly attended meetings of the Ft Myers/Naples Spasmodic Dysphonia Support Group and lectured on or contributed to discussions about voice therapy techniques for SD and ways to maximize vocal performance for patients with SD who attended group meetings.

2003-07, Member of the Speech-Language Pathology Clinical Education Advisory Group, Department of Communication Disorders and Sciences at Rush University, Chicago. This group met 2-3 times per year to advise faculty members in this graduate college about issues facing training speech pathology students to be best prepared to enter the work force.

1999-2001, Board of Directors, Organization of Women Laryngectomy Survivors. Mary DeJong and Pauline Rohm, co-founders. This group provides support and information for women undergoing total laryngectomies. Served as advisor and assists in networking co-founders and members with other professionals and patients.

1990-2003, Co-founder and sponsor coordinator of the Spasmodic Dysphonia Support Group of Chicago. This group provided emotional support and education to persons with the rare voice disorder, spasmodic dysphonia. The group originally met one Sunday a month. Responsible for insuring meeting space, attended every meeting, and provided technical advice and a contact person for group members for over 13 years; also worked with the National Spasmodic Dysphonia Association, headquartered in Chicago.

1980s—Participated in the Laryngectomy Visitor Training Program sponsored by the Chicago Unit of the American Cancer Society. Assisted in the development of a program to train laryngectomees as hospital visitors to assist and support new laryngectomees at the beginning of their rehabilitation.

1980s—Volunteer at the National Runaway Switchboard hotline (now the National Runaway Safeline), Chicago, IL. Phone bank of volunteers taking phone calls from runaway teens and/or family members nationwide.