

## CURRICULUM VITAE

**Name:** Bonnie E. Smith

**Degrees:**

B.S.	Syracuse University, 1974, Speech Pathology, Magna cum laude
M.S.	Purdue University, 1976, Speech Pathology
Ph.D.	Purdue University, 1981, Speech Pathology

**Professional Positions Held (chronological order with dates):**

8/76 - 8/77	Speech Pathologist, Audiology and Speech Clinic, Department of Otorhinolaryngology, Indiana University School of Medicine, Indianapolis, IN
8/77 - 5/80	Teaching Assistant, Department of Audiology and Speech Sciences, Purdue University, West Lafayette, IN
8/80 - 5/81	Graduate Instructor, Department of Audiology and Speech Sciences, Purdue University, West Lafayette, IN
8/81 - 8/83	Instructor, Speech Science, Center for Craniofacial Anomalies, University of Illinois, Chicago, IL
8/83 - 8/89	Assistant Professor of Speech Pathology, Department of Otolaryngology-Head & Neck Surgery and Department of Pediatrics, University of Illinois, Chicago, IL
9/87 – 8/90	Acting Director of Research, Department of Otolaryngology—Head & Neck Surgery, University of Illinois, Chicago, IL
8/89 – 8/2005	Associate Professor of Speech Pathology, Department of Otolaryngology-Head & Neck Surgery and Department of Surgery, University of Illinois, Chicago, IL
8/2005—12/31/07	Professor of Speech Pathology, Department of Otolaryngology-Head & Neck Surgery and Department of Surgery, University of Illinois, Chicago, IL
2/1/08—present	Director, VoiceSpeechStudio.com, private practice, Port Charlotte, FL
3/1/08—11/14/08	Professor and Speech Pathologist, The Craniofacial Center, University of Illinois, Chicago, IL
7/24/08	Professor Emerita of Speech Pathology, University of Illinois, Chicago, IL
3/1/09-8/6/2015	Courtesy Research Professor, Department of Communication Sciences and Disorders, College of Behavioral and Community Sciences, University of South Florida, Tampa, FL

**Professional Licensing and Certification:**

2007-present	Florida license in Speech-Language Pathology (#SA 9201)
1989-2010	Illinois license in Speech-Language Pathology (#146-001977)
1979	Certificate of Clinical Competence in Speech Pathology, American Speech-Language-Hearing Association
1980	Instructor of Alaryngeal Speech, International Association of Laryngectomees

**Membership in Professional Societies:**

American Speech-Language-Hearing Association  
American Cleft Palate-Craniofacial Association  
The Voice Foundation

**Affiliations**

Courtesy Research Professor, The Department of Communication Sciences and Disorders,  
University of South Florida, Tampa  
Professor Emerita of Speech Pathology, University of Illinois at Chicago

**State and National Committee Memberships/Positions Held:**

1. 2007-2009, 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
2. 2006-2009, Executive Council, American Cleft Palate-Craniofacial Association.
3. 2004-2007, Co-Section Editor for Speech, Cleft Palate-Craniofacial Journal
4. 2004-2007, 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
5. 2003-2005, President, Illinois Association of Craniofacial Teams
6. 2002, Chairperson of Cleft Palate Foundation's Research Agenda Committee. This committee was responsible for determining the direction of research for the Foundation.
7. 2001-2003, President Elect, Illinois Association of Cleft Teams
8. 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.
9. 1999-2003, Secretary, Illinois Association of Cleft Teams
10. 1997-2001, Chair of the Research Grants Committee, ACPA
11. 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.
12. 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.
13. 1994-96, representative to the Illinois Speech and Hearing Association (ISHA) from the Chicago chapter (Chicago Audiology Speech-Language Pathology Association). The nominee attended all rep council meetings and reported activity of the local chapter to ISHA and vice-versa.
14. 1991-97, reviewer for the Journal of Speech and Hearing Research
15. 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.
16. 1991, member of the speech science subcommittee, program committee for the annual American Speech-Language-Hearing Association convention.
17. 1989-91, member of the Speech Science Track Committee for the annual convention of the Illinois Speech and Hearing Association convention.
18. 1989-90, member of the grants review committee of the Chicago Speech-Language-Hearing Association.
19. 1989-present, reviewer for the Cleft Palate-Craniofacial Journal

**Research:**

A. Grants

1. Submitted for 1/2002; Co-PI 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).
2. PI 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.
3. 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.
4. Principal Investigator, "Speech Production Studies: Oral-Nasal Communication", NIH (NINCDS), **funded** (\$173,007) 4/1/87-3/31/90.
5. Principal Investigator, "Speech Production Studies: Oral-Nasal Communication", NIH (NINCDS), not funded (requested \$197,975), 7/1/86-6/30/89.
6. 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.
7. Co-investigator, "Speech Production Studies in Craniofacial Anomalies", NIH (NINCDS), **funded** (\$250,000) 7/1/83-6/30/86.
8. Co-investigator, "Aerodynamic Assessment of Pharyngeal Flap Surgery", UICMC Campus Research Board, **funded** (\$3,156) 7/1/83-6/3/84.

B. Publications:

1. Articles in refereed journals
  - a. 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.
  - b. Weinberg, B, Horii, Y, and Smith, BE. Long time spectral characteristics of esophageal speech. J Acoust Soc Amer, 67: 1781-1784, 1980.
  - c. Smith, BE and Weinberg, B. Prediction of velopharyngeal orifice areas: A re-examination of model experimentation. Cleft Palate J, 17: 172-180, 1980.
  - d. 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.
  - e. Smith, BE and Weinberg, B. Velopharyngeal orifice area prediction during aerodynamic simulation of fricative consonants. Cleft Palate J, 20: 1-6, 1983.
  - f. 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.
  - g. Reisberg, DJ and Smith, BE, Aerodynamic assessment of prosthetic speech aids. J Prosthetic Dent, 54: 686-690, 1985.
  - h. Smith, BE and Kostinski, AB. Prediction of modeled palatopharyngeal port openings under conditions simulating pharyngeal flap reconstruction. Cleft Palate J, 23: 154-156, 1985.
  - i. 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.
  - i. 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.
  - k. 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.

- l. Smith, BE. Aerodynamic characteristics of Blom-Singer low pressure voice prostheses. Arch Otolaryng, 112: 50-52, 1986.
- m. Smith, BE and Guyette, TW. Estimation of nasal cross-sectional areas, using oral versus nasal pressure measurements. Cleft Palate J, 25: 199-203, 1988.
- n. 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.
- o. Andreassen, M, Smith, B, 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.
- p. Guyette, TW and Smith, BE. Partitioning the nasal airway in normal adult subjects. Amer J Rhino, 6: 93-100, 1992.
- q. 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.
- r. Smith, BE and Guyette, TW. Component approach for partitioning nasal airway resistance: Pharyngeal flap case studies. Cleft Palate J, 30: 78-81, 1993.
- s. 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.
- t. Smith, BE and Guyette, TW. Observation: pressure-flow differences in performance during production of the CV syllables /pi/ and /pa/. Cleft Palate J, 33: 74-76, 1996.
- u. 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.
- v. 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.
- w. 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.
- x. 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.
- y. Guyette, TW, Polley, J, Figueroa, A, and Smith, BE. Changes in speech following maxillary distraction osteogenesis. Cleft Palate-Craniofac J, 38: 199-205, 2001.
- z. 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.
- aa. 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.
- bb. 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.
- cc. Cohen, M, Smith, BE, and Daw, JL, Secondary unilateral cleft lip nasal deformity: Functional and esthetic reconstruction. J Craniofacial Surgery, 14: 1-10, 2003.
- dd. Smith, BE and Guyette, TW, Evaluation of cleft palate speech, In Clinics in Plastic Surgery, 31:251-260, 2004.
- ee. 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.
- ff. Smith, BE and Kuehn, DP, Speech evaluation of velopharyngeal dysfunction. J Craniofacial Surgery, 18: 251-261, 2007.

- gg. 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.
  - hh. De Felipe, N.; Bhushan, N.; Da Silveira, A.; Viana, G.; Smith, B.. 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.
  - ii. De Felipe, N, Da Silveira, A, Viana, G, and Smith, B. Influence of palatal expanders on oral comfort, speech, and mastication. Am J Orthod Dentofacial Orthop 137:48-53, 2010.
  - jj. Smith, BE, Kempster, GB, and Sims, HS, Patient factors related to voice therapy attendance and outcomes. J of Voice 24: 694-701, 2010.
2. Letters 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.
  3. Product Publications
    - Cohen, M and Smith, BE, "Functionally beautiful: Correcting function aspects of cleft nasal deformities." Plastic Surgery Products. 16-18, September, 2002.
  4. Software Development
    - a. "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.
    - b. "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.
  5. Published Abstracts
    - a. 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.
    - b. 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.
    - c. Smith, B and Guyette, T, "Partitioning nasal airway resistance in normal adults", ASHA, 33, 10, 1991, p.193.
    - d. Smith, B, Andreassen, M, and Guyette, T, "Pressure-flow measurements for selected oral-nasal segments produced by normal adults", ASHA, 33, 10, 1991, p.194.
    - e. Cohen, M, Smith, B 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.
    - f. Cohen, M, Smith, B, Guyette, T, and Polley, J, "Functional and aesthetic reconstruction of secondary cleft lip nasal deformity", American College of Surgeons 78<sup>th</sup> Annual Clinical Congress, New Orleans, LA, 1992, p.72.
    - g. Smith, B 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.
    - h. Smith, B and Guyette, T, "Pressure-flow measurements for normal children", Annual Meeting of the American Cleft Palate-Craniofacial Association, Toronto, Canada, 1994, p.65.

- i. Smith, B and Guyette, T, "SBNA: The pressure-flow experience", Annual Meeting of the American Cleft Palate-Craniofacial Association, Toronto, Canada, 1994, p.42.
- j. Cohen, M, Smith, B, 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.
- k. Guyette, T, Zanin, A, and Smith, B, "Laryngeal airway resistance in cleft palate children", Annual Meeting of the American Cleft Palate-Craniofacial Association, Tampa, FL, 1995, p.62.
- l. Guyette, T, Aizenstein, R, O'Neill, H, Peterson-Falzone, S, and Smith, B, "Magnetic resonance imaging of the velopharynx during speech", Annual Meeting of the American Cleft Palate-Craniofacial Association, Tampa, FL, 1995, p.39.
- m. Smith, B, 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.
- n. Smith, B, Guyette, T, and Cohen, M, "Component nasal resistance in children", Annual Meeting of the American Cleft Palate-Craniofacial Association, Tampa, FL, 1995, p.41.
- o. Guyette, T, Smith, B, 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.
- p. Cohen, M, Smith, B, 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.
- q. Cohen, M, Polley, J, Smith, B, 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.
- r. Guyette, T and Smith, B, "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.
- s. Guyette, T, Polley, J, Figueroa, A, Smith, B, 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.
- t. 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, MD, 1998, p.68.
- u. 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.
- v. 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
- w. 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.
- x. 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.
- y. 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.
- z. Smith, B, 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.

- aa. Cohen, M, Smith, B, 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.
- bb. 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.
- cc. 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
- dd. 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.
- ee. 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.
- ff. 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.

6. 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.

7. 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 3<sup>rd</sup> Ed. (Lippincott Williams & Wilkins, 2001)

8. Papers presented at professional meetings

- a. Smith, BE, Kempster, G, and Sims, HS, Patient factors related to voice therapy attendance and outcomes. Paper presentation, The Voice Foundation's 38<sup>th</sup> Annual Symposium: Care of the Professional Voice, Philadelphia, PA, 6/6/2009.
- b. Lamberghini, F, Punwani, I, Smith, BE, Fadavi, S, Koerber, A, and Kaste, Premature loss of primary teeth and speech development, poster session at the 85<sup>th</sup> General Session and Exhibition of IADR/AADR/CADR, New Orleans, LA, 3/21-3/24/2007.
- c. Sims, HS, Smith, BE, and Johnson, BC, The predictive value of the voice handicap index-30. Paper presentation, The 36<sup>th</sup> Annual Symposium: Care of the Professional Voice, Philadelphia, PA, 6/2007.
- d. 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 convention, Chicago, IL, 3/19/2004.
- e. 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.
- f. 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.

- g. 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.
- h. 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.
- i. 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.
- j. Smith, B, 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.
- k. Cohen, M, Smith, B, and Guyette, T, Functional and aesthetic correction of cleft nasal deformity, International Rhinologic Society: The Nose 2000...And Beyond, Washington, DC, 9/22/2000.
- l. 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.
- m. 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.
- n. 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.
- o. 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.
- p. 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.
- q. 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, 4/24/98.
- r. 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.
- s. 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.
- t. 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.
- u. Guyette, T and Smith, B, "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.
- v. Guyette, T, Polley, J, Figueroa, A, Smith, B, 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.
- w. 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.

- x. 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.
- y. 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.
- z. 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.
- aa. 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.
- bb. 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.
- cc. 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.
- dd. 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.
- ee. 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.
- ff. Smith, BE and Guyette, TW, Pressure-flow measurements for normal children. American Cleft Palate-Craniofacial Association, poster presentation, Toronto, Canada, 5/18-20/94.
- gg. Smith, BE and Guyette, TW, SBNA: The pressure-flow experience. American Cleft Palate-Craniofacial Association, annual convention, Toronto, Canada, 5/18/94.
- hh. 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 (invited).
- ii. 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.
- jj. 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.
- kk. 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.
- ll. Guyette, TW and Smith, BE, Partitioning the nasal airway in normal adults. American Speech-Language-Hearing Association, annual convention, Atlanta, GA, 11/24/91.
- mm. 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.
- nn. Guyette, TW and Smith, BE, Clinical aerodynamics: Assessing nasal and velopharyngeal function during breathing and speech. American Cleft Palate-Craniofacial Association, annual convention, workshop, St. Louis, MO, 5/16/90.
- oo. Smith, BE, Aerodynamic assessment of pharyngeal flap surgery, Illinois Association of Cleft Teams, General Meeting, Chicago, IL, 10/6/89 (invited).

- pp. 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. (invited)
- qq. 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 (invited).
- rr. 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.
- ss. 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 (invited).
- rr. 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.
- ss. 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.
- tt. 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 (invited).
- uu. 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.
- vv. 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.
- xx. Smith, BE. Aerodynamic characteristics of Blom-Singer low-pressure voice prostheses. American Speech-Language-Hearing Association, annual convention, Washington, DC, 11/22/85.
- yy. Smith, BE, Laryngectomy speech rehabilitation. Laryngectomy Visitor Training Program, Chicago Unit, American Cancer Society, 11/2/85.
- zz. 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.
- aaa. 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.
- bbb. 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.
- ccc. 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.
- ddd. 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.
- eee. Smith, BE and Weinberg, B, Velopharyngeal orifice area prediction during aerodynamic simulation of fricative consonants. American Speech-Language-Hearing Association, annual convention, 11/82.
- fff. 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.
- ggg. 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.

hhh.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.

9. Invited Presentations

- a. 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 9/11/10.
- b. 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 8/17/07.
- c. 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, 3/22/02.
- d. 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 Center, University of Illinois Medical Center at Chicago, 7/23/99.
- e. 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.
- f. 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.
- g. 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.
- h. 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.
- i. 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.
- j. 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.
- k. 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.
- l. 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 the scientific program of the 80<sup>th</sup> Clinical Congress of the American College of Surgeons, Chicago, IL, 10/10/94.
- m. 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.

- n. 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.
- o. 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.
- p. Dorf, DS and Smith, BE. Speech problems related to orofacial defects Indiana Speech and Hearing Association, Inc., annual convention, 4/14/88.
- q. 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.
- r. 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.
- s. 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, 10/29/86.

10. Work in Progress:

Smith, BE and Bahr, R, Respiration and vocal tremor. USF student research project.

**Specific Service (includes Patient Care) Responsibility:**

- 8/81– 11/14/08 Speech Scientist, responsible for establishing pressure-flow laboratory, facilitated expansion of speech laboratory and instrumentation, and responsible for testing palatopharyngeal function in clinic patients seen at The Craniofacial Center, University of Illinois Medical Center at Chicago
- 8/83—12/31/07 Director, Division of Speech Pathology, Department of Otolaryngology-Head and Neck Surgery, University of Illinois at Chicago, supervising 3-5 speech pathologists and clerical staff members
- 8/83 – 8/2000 Speech Pathologist, responsible for caseload in speech pathology (direct patient contact on a daily basis), including primarily head & neck cancer and voice patients
- 8/87 - 8/89 Director, Division of Research, Department of Otolaryngology-Head & Neck Surgery, University of Illinois, Chicago
- 8/96 – 12/08 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
- 8/00—12/31/07 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
- 8/2002-4/2005 Established voice laboratory at Illinois Eye and Ear Infirmary, including equipment for acoustic and aerodynamic assessment of voice
- 2/2008-present Director, Bonnie E. Smith, PhD, PA, (VoiceSpeechStudio.com), private practice, Port Charlotte, Florida

**Specific Teaching Responsibilities:**

- 8/83 - 8/89 Regular lecturer in speech pathology to medical students, resident physicians; occasional lectures to other health care professionals; regular lecturer as part of communication courses given at Rush University and in the Department of Communication and Theater, University of Illinois, Chicago

9/89 – 12/07	Regular lecturer in speech pathology to medical students, resident physicians; occasional lectures to other health care professionals
9/95 - 9/99	Trainer, Department of Continuous Quality Improvement, UICMC, teaching 3, 2 day courses per year, as well as participant in other activities of the Department.

**Courses/Lectures:**

**Undergraduate**

**UIC**

1. Ugrad., Grad.: Communication 315, Communication Training Techniques; University of Illinois at Chicago, 30 students; 1, 2- hour lecture, "Overview of Speech Production" 8/86-8/89.
2. Undrgrd., 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**

**UIC**

1. Medical student lectures in speech pathology; Department of Otolaryngology-Head & Neck Surgery; 2-10 students; 4, 1 hour lectures per month, until 1999.
2. UIC ORTD524; graduate orthodontics course; "Lectures in Craniofacial Anomalies, Course I", 1 hour lecture on evaluation of craniofacial speech disorders, every fall, since 2000.
3. 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, every year beginning 2002.
4. SHS 562, Craniofacial Anomalies; Rush University, Chicago, IL; 1, 2-hour lecture, "Aerodynamic Assessment of Nasal Respiration and Velopharyngeal Function for Speech", 8/83-8/89.

**USF**

- Lecture to Graduate Voice Disorders course, "Evaluation and Treatment of Resonance Disorders", 4/21/2009, 4/27/10.
- Lecture in Voice Disorders course: 2/3, 3/24, 4/7, 4/21, and 4/28/11 on topics in voice evaluation and therapy as well as resonance disorders

**Postgraduate**

**UIC**

- Resident physician lectures in speech pathology; Department of Otolaryngology-Head & Neck Surgery; 4-5 resident physicians; 10-16, 1 hour lectures per year

**Professional**

**UIC**

1. 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
2. 8/83-9/89; 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
3. 5/16/90; "Clinical Aerodynamics: Assessing Nasal and Velopharyngeal Function Speech and Breathing." with T. Guyette, Workshop, Annual Meeting of the American Cleft Palate-Craniofacial Association, St. Louis, Missouri.
4. 7/23/99- "Understanding and Treating the Speech Problems of Patients with Craniofacial Anomalies", Half-Day Symposium, sponsored and given by staff at the Craniofacial Center, University of Illinois at Chicago, Chicago, IL.

5. 3/22/02, "Smith, BE, "Evaluation of the Speaking Voice", 1-hour instruction course as part of the Midwest Symposium on Voice Care. Voice Disorders: Diagnosis and Therapy. Department of Otolaryngology—Head & Neck Surgery, University of Illinois at Chicago, Chicago, IL, 3/22/02.

#### **National**

1. 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.
2. "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. 9/87.
3. 5/22/98; "Voice Therapy and Behavioral Management", general session presentation and Symposium medical chairperson, National Spasmodic Dysphonia Association: International Symposium in the Midwest Region. Chicago, IL
4. 5/22/98; "Voice Therapy Techniques: Maximizing Your Potential", afternoon workshop, Symposium medical chairperson, National Spasmodic Dysphonia Association: International Symposium in the Midwest Region. Chicago, IL
5. 10/7/98, 10/27/99, 10/18/00; "Functional and Aesthetic Reconstruction of Cleft Nasal Deformities", Instructional Course, Annual Meeting of the American Society of Plastic and Reconstructive Surgeons, Boston, Massachusetts, New Orleans, Louisiana, Los Angeles, California, respectively.
6. Prof, 4/26/01; "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.
7. Prof, 4/26/01; "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.
8. Prof, 11/7/01, 11/4/02; "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, respectively.

#### **Graduate Students Supervised:**

1. 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, June 2005-August, 2006.
2. 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, September, 2004- June, 2006.
3. 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. June, 2004-2006.
4. 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, May, 2004-May, 2005.
5. 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-present.

6. 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.
7. 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.
8. 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. 1992-1993.
9. 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, 2/91-92.
10. 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 8/94.
11. 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, 1989-1990.
12. Fred Park, "The Effects of Facial Growth on Pharyngeal Flap Surgery"; Co-director of this medical student research project, co-director; University of Illinois, Chicago, IL, 8/86-5/87.
13. Kathleen Fiala, "A Comparison of Posterior and Anterior Rhinomanometry in Calculation of Nasal Resistance in Patients with Increased Nasal Obstruction"; Graduate student research project, director; Department of Speech and Hearing Sciences, University of Illinois at Urbana-Champaign, 1/87-12/87.

### **Residents and Post-Doctoral Fellows Supervised**

1. Yash Patil, MD, "Pressure-Flow Measurements for Selected Oral and Nasal Sound Segments Produced by Normal Children and Adolescents: A Preliminary Study", resident Research project, director, Department of Otolaryngology—Head & Neck Surgery; University of Illinois at Chicago, 1/99-6/01. 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.
2. Yash Patil, MD, "Preliminary Nasal Breathing Data for Normal Children and Adolescents", Resident research project, director, Department of Otolaryngology—Head & Neck Surgery; University of Illinois at Chicago, 1/98-6/98. 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.
3. Raj Mehta, MD, "Objective Assessment of the Breath-Right™ Device During Exercise", Resident Research Project, assistant director, Department of Otolaryngology—Head & Neck Surgery; University of Illinois at Chicago, 9/96-6/97. 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.
4. James Geraghty, MD, "Long-term Follow-up of Tracheoesophageal Puncture Results", Resident Research Project, assistant director, Department of Otolaryngology—Head & Neck Surgery; University of Illinois at Chicago, 1/95-6/95. 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.

5. David Walner, MD, "The Effect of Adenotonsillar Surgery on Resistance Components of the Nasal Airway", Resident Research project, director, Department of Otolaryngology—Head & Neck Surgery; University of Illinois at Chicago, 8/94-6/95. 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.
6. Sharon Gibson, MD, "Analysis of Voice Following Laryngotracheal Reconstruction", Resident Research project, assistant director, Department of Otolaryngology—Head & Neck Surgery; University of Illinois at Chicago, 1/92-6/92. 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.
7. Lon Petchenik, MD, "Clinical and Rhinomanometric Evaluation of Nasal Obstruction: A Preliminary Study" Resident Research project, assistant director, Department of Otolaryngology—Head & Neck Surgery; University of Illinois at Chicago, 1/91-6/91. 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.
8. Jane Tiesenga, M.D., "A Comparison of Posterior and Anterior Rhinomanometry in Calculation of Simulated Nasal Airway Resistance", resident research project, director; Department of Otolaryngology-Head & Neck Surgery; University of Illinois at Chicago, 1/86-6/86. 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.

#### **Direction of Research Associates, Visiting Scholars, and Technicians**

1. 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 papers.
2. J. Sabnani, research assistant in the Department of Otolaryngology-Head & Neck Surgery, "Objective Assessment of the Breath-Right™ Device During Exercise", Resident Research project, University of Illinois at Chicago, 9/96-6/97. Supervised and guided this research assistant in 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 and related publication.
3. Debra S.Dorf, M.A., Speech Pathologist, Center for Craniofacial Anomalies, Department of Pediatrics, University of Illinois at Chicago. Directed Ms. Dorf's review of research projects for grant submission. The nominee also provided direction in development of a protocol for using instrumental assessment of velopharyngeal function for speech, and the nominee provided direction in development of written material describing the speech pathology program at CCFA, 1985-1990.
4. 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 nominee's research efforts. The nominee and representatives of the University of Illinois worked on company distribution of this product. 1984-90.
5. Susan D. McGarvey, M.S., 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.

### **Service Within the University:**

#### **Departmental Committees**

1. Member of the Research Committee, the Center for Craniofacial Anomalies. This committee was responsible for reviewing all research grant proposals, and use of the Center's data bank and/or patient care files.
2. Member of the Resident Research Committee, Department of Otolaryngology-Head & Neck Surgery. This committee was responsible for supervising resident research and the resident research rotation.
3. Member of the Search Committee for the EEI Service Line Administrator, 1997.
4. Member of the Rehabilitation and Therapeutic Services Committee of the Hospital, 1990-92.
5. Member of the Resident Issues Subcommittee, Department of Pediatrics, 1990-92.
6. Member of the Employee Recognition Award Committee, EEI, 1990-91

#### **Hospital Committees**

1. 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.
2. One of eight medical center employees to be a trainer for the Continuous Quality Improvement initiative at the University of Illinois at Chicago Medical Center. 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:**

1. 9/2010—presented to Tampa Bay Spasmodic Dysphonia Support Group on voice characteristics and Voice Therapy for SD
2. 2/23/2009—present, Member of the Charlotte County (FL) Chamber of Commerce
3. 2009-present—present periodically to the Fort Myers Spasmodic Dysphonia Support Group on speech therapy techniques for SD and ways to maximize voice performance in coping with SD.
4. 2003-2007, Member of Speech-Language Pathology Clinical Education Advisory Group, Department of Communication Disorders and Sciences at Rush University. 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.
5. 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.
6. 1990-2003, Co-founder and sponsor coordinator of the Spasmodic Dysphonia Support Group of Chicago. This group provides emotional support and education to persons with the rare voice disorder, spasmodic dysphonia. The group originally met one Sunday a month. Insured meeting space, attended every meeting, and provided technical advice and a contact person for group members for over 10 years.