

CURRICULUM VITAE
DAVID P. KUEHN

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EDUCATIONAL BACKGROUND

BA: Speech Pathology and Audiology, Northern Illinois University, DeKalb, 1967.

MA: Speech Pathology and Audiology, Speech Science Emphasis, Thesis: Perceptual Effects of Forward Coarticulation, University of Iowa, Iowa City, 1970.

PhD: Speech Pathology and Audiology, Speech Science Emphasis, Dissertation: A Cinefluorographic Investigation of Articulatory Velocities, University of Iowa, Iowa City, 1973.

PROFESSIONAL EXPERIENCE

Professor Emeritus, Department of Speech and Hearing Science, University of Illinois at Urbana-Champaign, 2009-present.

Professor, Department of Speech and Hearing Science, University of Illinois at Urbana-Champaign, 1991-2009.

Affiliate Faculty Member of the Department of Bioengineering, University of Illinois at Urbana-Champaign, 2006-2009.

Affiliate Faculty Member of the Beckman Institute for Advanced Science and Technology, University of Illinois at Urbana-Champaign, 2006-2009.

Sabbatical Leave of Absence, Biomedical Imaging Center, University of Illinois at Urbana-Champaign, Research project: MRI imaging of the human pharynx. Spring Semester, 2003.

Investigator, National Center for Voice and Speech, University of Iowa, 1990-2000.

Sabbatical Leave of Absence, Department of Medical Information Sciences, Biomedical Magnetic Resonance Laboratory, College of Medicine at Urbana-Champaign, University of Illinois. Research project: MRI imaging of the human pharynx. Spring Semester, 1994.

Cooperating Faculty Professor, Department of Linguistics, University of Illinois at Urbana-Champaign, 1988-2009.

Associate Professor, Department of Speech and Hearing Science, University of Illinois at Urbana-Champaign, 1986-1991.

Research Associate in Otolaryngology, Department of Research, Carle Foundation Hospital, Urbana, Illinois, 1986-2009.

Visiting Scholar and Professor, Center of Excellence in Research and Innovative Services for the Communicatively Impaired and Department of Audiology and Speech Pathology, Memphis State University, September-December, 1985.

Associate Professor, Department of Speech Pathology and Audiology, University of Denver, 1982-85.

Assistant Clinical Professor, Department of Otolaryngology, University of Colorado Health Sciences Center, 1981-85.

Assistant Professor, Department of Speech Pathology and Audiology, University of Denver, 1979-82.

Post-Doctoral Research Fellow, Department of Biocommunication, University of Alabama in Birmingham, June-August, 1980.

Adjunct Assistant Professor, Department of Speech Pathology and Audiology, University of Iowa, 1977-79.

Associate Research Scientist, Department of Otolaryngology and Maxillofacial Surgery, University of Iowa, 1977-79.

Visiting Researcher, Department of Phonetics, Stockholm University, Sweden, September 1976-February 1977.

Assistant Research Scientist, Department of Otolaryngology and Maxillofacial Surgery, University of Iowa, 1972-76.

NDEA Title IV Fellow, Department of Speech Pathology and Audiology, University of Iowa, 1968-71.

Graduate Assistant, Department of Speech Pathology and Audiology, University of Iowa, 1967-68.

PROFESSIONAL AFFILIATIONS, OFFICES, COUNCILS, BOARDS, AND COMMISSIONS

Acoustical Society of America, 1969-75.

American Association for the Advancement of Science, 1995-97

American Association of Phonetic Sciences, 1994-2000.

American Cleft Palate-Craniofacial Association, 1976-present.

Historian, 1983-85.

Vice President-Elect (Council Member), 1985-86.

Vice President, 1986-87.

President-Elect (Council Member), 1987-88.

President, 1988-89.

Past President (Council Member), 1989-90.

American Speech-Language-Hearing Association, 1966-present.

Continuing Education Board, 1983-88.

Site Visitor, Educational Standards Board, 1985-1989.

Educational Standards Board, 1990-92.

Candidate, Vice President for Education and Scientific Affairs, 1988.

Candidate, Vice President for Research and Technology, 1991.

Publications Board, 1990-94.

Council of Editors, 1990-94.

Special Interest Division, Speech Anatomy and Physiology and Structurally Based Speech Disorders (name changed to Speech Science and Orofacial Disorders, 1993),

Interim Coordinator, 1990; Associate Coordinator, 1991; Coordinator, 1992-94.

Special Interest Divisions Board of Division Coordinators, 1990-94.

Vice President for Research and Technology, 1995-97.

Scientific and Professional Programs Board, 1998-99.

Continuing Education Planning Board, 1999-2001.

Site Visitor, Council on Academic Accreditation, 2000-2001.

Convention Co-Chair, 2000.

American Speech-Language-Hearing Foundation, Board of Trustees, 1995-97

Cleft Palate Foundation, Board of Directors, 1981-85.

Sigma Xi, the Scientific Research Society, 1974-1989.

Secretary, Iowa Chapter, 1977-79.

Chapter delegate for Annual National Meeting, 1977, 1978.

Treatment Research in Communication Disorders, Special Interest Group, 1995-2000.

Reconstructive Surgery Foundation-EARTHSPEAK. Professional and parent speech training programs for people with surgically corrected cleft palates. Advisory Board Member. 2005-present.

Commission on Approving Teams, American Cleft Palate-Craniofacial Association, Commission Member. 2011-2013.

CONSULTANT AND VOLUNTEER ACTIVITIES

Regular consultant staff member, Cleft Palate Clinic, Children's Hospital, Denver, 1979-85.

Regular consultant staff member, Cleft Palate Clinic, University of Colorado, Health Sciences Center, 1981-85.

Professional advisor, Colorado Cleft Palate Association, 1984-85.

Consultant to Speech and Swallowing Physiology Project, Sandra Hamlet, Investigator. Rehabilitation of the Head and Neck Cancer Patient, Department of Otolaryngology, Wayne State University; Robert Mathog, Principal Investigator, 1987 and 1989.

Regular consultant staff member, Carle Cleft Lip and Palate Team, Carle Clinic Association, Urbana, Illinois, 1986-present.

Consultant for Robert C. Basner, M.D., Co-Director, The Center for Sleep and Ventilatory Disorders, University of Illinois-Chicago, Electromyography of the velopharyngeal muscles, February 7, 1992.

Education Testing Service, Princeton, NJ. Consultant in evaluating data following administration of new forms of the national examination for certification in speech-language pathology, 1988- 1993.

Faculty Mentor, McNair Mentoring Program, Minority Student Affairs, University of Illinois at Urbana-Champaign, 1991-98.

National Institute on Deafness and Other Communication Disorders, Voice and voice disorders expert panel member: National strategic research plan, 1995.

Ad-hoc Consultant, National Institutes of Health, Speech anatomy and physiology; Speech disorders related to cleft palate, 1995-1999.

Research Mentor, American Speech-Language-Hearing Association, Research in Higher Education Mentoring Program (RHEMP); for Emily Humphreys, August, 2002.

Academic Mentor, Mentoring Academic Research Careers (MARC), American Speech-Language-Hearing Association, 2006-2007.

Faculty mentor for Dr. Seunghee Ha, 2008 Advancing Academic Research Careers (AARC) award, American Speech-Language-Hearing Association (not funded).

Faculty mentor for Dr. Youkyung Bae, 2009 Advancing Academic Research Careers (AARC) award, American Speech-Language-Hearing Association (application pending).

Indiana University School of Medicine-Moi University School of Medicine (IUSM-MUSM) partnership, Eldoret, Kenya. Consultation with Dr. Ashraf Emarah to establish a cleft lip and palate team at Moi Teaching and Referral Hospital in Eldoret, Kenya, 2009.

Cleft Palate Surgical and Educational Mission Activities

Mission Team Member, Operation Rainbow, Carle Cleft Lip and Palate Team Member, Cleft Palate Surgical and Educational Mission, Villahermosa, Mexico, February, 2001.

Mission Team Member, Smile Train, Cleft Palate Educational Mission, Qingdao, China, June 2002.

Mission Team Member, Fundamigos, Carle Cleft Lip and Palate Team Member, Cleft Palate Surgical and Educational Mission, Barcelona, Venezuela, October, 2002.

Mission Team Member, Operation Rainbow, Carle Cleft Lip and Palate Team Member, Cleft Palate Surgical Mission, Port of Spain, Trinidad, November, 2004.

Mission Team Member, Lancaster Cleft Palate Clinic, Invited Team Member, Cleft Palate Educational Mission, Hazrat Fatemeh Hospital, Tehran, Iran, December, 2004.

Mission Team Member, Operation Rainbow, Carle Cleft Lip and Palate Team Member, Cleft Palate Surgical Mission, Esteli, Nicaragua, February, 2005.

Consultant, Hospital for Rehabilitation of Craniofacial Anomalies of the University of Sao Paulo, Bauru, Brazil, December, 2005.

Mission Team Member, Operation Rainbow, Carle Cleft Lip and Palate Team Member, Cleft Palate Surgical and Educational Mission, Guayaquil, Ecuador, March, 2006.

Mission Team Member, Operation Rainbow, Carle Cleft Lip and Palate Team Member, Cleft Palate Surgical and Educational Mission, San Pedro Sula, Honduras, October, 2006.

Mission Team Member, Operation Rainbow, Carle Cleft Lip and Palate Team Member, Cleft Palate Surgical and Educational Mission, Villahermosa, Mexico, October, 2007.

Consultant, School of Rehabilitation Sciences, Alzahra Hospital, Isfahan University of Medical Sciences, Isfahan, Iran, June, 2008.

Mission Team Member, Operation Rainbow, Carle Cleft Lip and Palate Team Member, Cleft Palate Surgical and Educational Mission, La Ceiba, Honduras, October, 2008.

Consultant, Moi Teaching and Referral Hospital, Moi University Medical School, Eldoret Kenya, July, 2009.

Mission Team Member, Operation Rainbow, Carle Cleft Lip and Palate Team Member, Cleft Palate Surgical and Educational Mission, Villahermosa, Mexico, June, 2010.

HONORS

Fellow, American Speech-Language-Hearing Association, 1985.

The National Distinguished Service Registry: Speech, Language, and Hearing, 1989.

Who's Who in American Education, 1989-90.

Who's Who in Science and Engineering, 1998-99.

Who's Who Among America's Teachers, 1998.

1998 King James McCristal Distinguished Scholar Award, College of Applied Life Studies, University of Illinois at Urbana-Champaign.

1st Annual Outstanding Advisor Award, Medical Scholars Program, University of Illinois at Urbana-Champaign, 2000.

Gonfalon Carrier, Representative of the College of Applied Health Sciences, New Student Convocation, University of Illinois at Urbana-Champaign, 2004, 2007.

Gonfalon Carrier, College of Applied Health Sciences, College Convocation, University of Illinois at Urbana-Champaign, 2007.

Gonfalon Carrier, Representative of the College of Applied Health Sciences, University Commencement, University of Illinois at Urbana-Champaign, 2007.

Beckman Institute Affiliate, 2006-2009.

Department of Bioengineering Affiliate, 2006-2009.

Honorary Member, International Cleft Lip and Palate Foundation, 2008-present.

EDITORIAL ACTIVITIES

Associate Editor, Speech Science Section, Journal of Speech and Hearing Research, 1981-83.

Editor, American Cleft Palate Association Newsletter, 1983-85.

Editor, Special Interest Division #5 Newsletter, Speech Anatomy and Physiology and Structurally Based Speech Disorders, American Speech-Language-Hearing Association, 1992.

Editor, ASHA Reports, 1990-94.

Editorial Consultant Board Member, Journal of Medical Speech-Language Pathology, 1992-2009.

Section Co-editor for Speech, Cleft Palate-Craniofacial Journal, 2004-2009.

Reviewer:

Acta Acustica

American Journal of Speech-Language Pathology

Clinical Anatomy

Controlled Clinical Trials: Design, Methods, and Analysis (Journal of the Society for Clinical Trials)

Cleft Palate-Craniofacial Journal

Dysphagia

Folia Phoniatica et Logopaedica

International Journal of Pediatric Otorhinolaryngology

Journal of the Acoustical Society of America

Journal of Dental Research

Journal of Experimental Psychology: Human Perception and Performance

Journal of Medical Speech-Language Pathology

Journal of Speech-Language-Hearing Research

Otolaryngology-Head and Neck Surgery

Perceptual and Motor Skills

Plastic and Reconstructive Surgery

Psychological Reports

PUBLICATIONS

Book:

Kuehn, D. P., Lemme, M. L., & Baumgartner, J. M. (Eds.) (1989). *Neural Bases of Speech, Hearing, and Language*. Boston: College-Hill (Little, Brown and Company).

Chapters:

Kuehn, D. P. (1982). Assessment of resonance disorders. In N. J. Lass, L. V. McReynolds, J. L. Northern, & D. E. Yoder (Eds.), *Speech, Language and Hearing*. Philadelphia: W. B. Saunders Co.

Folkins, J. W., & Kuehn, D. P. (1982). Speech production. In N. J. Lass, L. V. McReynolds, J. L. Northern, & D. E. Yoder (Eds.), *Speech, Language and Hearing*. Philadelphia: W. B. Saunders Co.

Shoup, J. E., Lass, N. J., & Kuehn, D. P. (1982). Acoustics of speech. In N. J. Lass, L. V. McReynolds, J. L. Northern, & D. E. Yoder (Eds.), *Speech, Language and Hearing*. Philadelphia: W. B. Saunders Co.

Baumgartner, J. M., Ramig, L. A., & Kuehn, D. P. (1986). Voice Disorders and Stuttering in Children. In T. J. Balkany & N. R. T. Pashley (Eds.), *Clinical Pediatric Otolaryngology*. St. Louis: C. V. Mosby Co.

Kuehn, D. P., & Dalston, R. M. (1988). Cleft palate and studies related to velopharyngeal function. In H. Winitz (Ed.), *Human Communication and its Disorders: A review 1988*, Vol. 2. Norwood, NJ: Ablex Publishing Corporation.

Shoup, J. E., Lass, N. J., & Kuehn, D. P. (1988). Acoustics of speech. In N. J. Lass, L. V. McReynolds, J. L. Northern, and D. E. Yoder (Eds.), *Handbook of Speech-Language Pathology and Audiology*. Toronto: B. C. Decker, Inc.

Kennedy, J. G., & Kuehn, D. P. (1989). Neuroanatomy of Speech. In D. P. Kuehn, M. L. Lemme, & J. M. Baumgartner (Eds.), *Neural Bases of Speech, Hearing, and Language*. Boston: College- Hill (Little, Brown and Company).

Lemme, M. L., Kuehn, D. P., & Baumgartner, J. M. (1989) *Studying the Nervous System: Communication Science Perspective*. In D. P. Kuehn, M. L. Lemme, & J. M. Baumgartner (Eds.), *Neural Bases of Speech, Hearing, and Language*. Boston: College-Hill (Little, Brown and Company).

Kemp-Fincham, S. I., Kuehn, D. P., & Trost-Cardamone, J. E. (1990). Speech Development and the timing of primary palatoplasty. In J. Bardach & H. L. Morris (Eds.), *Multidisciplinary Management of Cleft Lip and Palate*. Philadelphia: W. B. Saunders Co.

Kuehn, D.P. & Wachtel, J.M. (1994). CPAP therapy for treating hypernasality following closed head injury. In J.A. Till, K.M. Yorkston, & D.R. Beukelman (Eds.), *Motor Speech Disorders: Advances in Assessment and Treatment*. Baltimore: Brookes.

Kuehn, D.P., Peterson-Falzone, S. & Shprintzen, R. (1994). Established researchers' views on doctoral research, specific responses: Speech and language, craniofacial and clefting disorders. *Handbook of research education in communication sciences and disorders: A guide for program directors, research mentors, and prospective Ph.D. students*, American Speech-Language-Hearing Association, Rockville, MD (invited report).

Moon, J.B. & Kuehn, D.P. (1997). Anatomy and physiology of normal and disordered velopharyngeal function for speech. In K.R. Bzoch (Ed.), *Communicative disorders related to cleft lip and palate*, 4th Ed., Austin, TX: Pro-Ed.

Tomes, L.A., Kuehn, D.P., & Peterson-Falzone, S.J. (1997). Behavioral treatments of velopharyngeal impairment. In K.R. Bzoch (Ed.), *Communicative disorders related to cleft lip and palate*, 4th Ed., Austin, TX: Pro-Ed.

Tomes, L.A., Kuehn, D.P., & Peterson-Falzone, S.J. (2004). Research considerations for behavioral treatments of velopharyngeal impairment. In K.R. Bzoch (Ed.), *Communicative disorders related to cleft lip and palate*, 5th Ed., Austin, TX: Pro-Ed.

Moon, J.B. & Kuehn, D.K. (2004). Anatomy and physiology of normal and disordered velopharyngeal function for speech. In K.R. Bzoch (Ed.), *Communicative disorders related to cleft lip and palate*, 5th Ed., Austin, TX: Pro-Ed.

Kuehn, D.P. & Perry, J.L. (2009). Anatomy and physiology of the velopharynx. In J.L. Losee & R.E. Kirschner (Eds.), *Comprehensive cleft care*, New York, McGraw-Hill Medical.

Articles:

Kuehn, D. P., & Moll, K. L. (1972). Perceptual effects of forward coarticulation. *Journal of Speech and Hearing Research*, 15, 654-64.

Small, A. M., Boggess, J., Klich, R., Kuehn, D., Thelin, J., & Wiley, T. (1972). MLDs in forward and backward masking. *Journal of the Acoustical Society of America*, 51, 1365-7.

Kuehn, D. P., & Dolan, K. D. (1975). A tomographic technique of assessing lateral pharyngeal wall displacement. *Cleft Palate Journal*, 12, 200-10.

Van Demark, D. R., Kuehn, D. P., & Tharp, R. F. (1975). Prediction of velopharyngeal competency. *Cleft Palate Journal*, 12, 5-11.

Kuehn, D. P. (1976). A cineradiographic investigation of velar movement variables in two normals. *Cleft Palate Journal*, 13, 88-103.

Kuehn, D. P., & Moll, K. L. (1976). A cineradiographic study of VC and CV articulatory velocities. *Journal of Phonetics*, 4, 303-20.

Azzam, N. A., & Kuehn, D. P. (1977). The morphology of musculus uvulae. *Cleft Palate Journal*, 14, 78-87.

Kuehn, D. P., & Tomblin, J. B. (1977). A cineradiographic investigation of children's w/r substitutions. *Journal of Speech and Hearing Disorders*, 42, 462-73.

Kuehn, D. P., & Van Demark, D. R. (1978). Assessment of velopharyngeal competency following Teflon pharyngoplasty. *Cleft Palate Journal*, 15, 145-9.

Kuehn, D. P., & Azzam, N. A. (1978). Anatomical characteristics of palatoglossus and the anterior faucial pillar. *Cleft Palate Journal*, 15, 349-59.

Kuehn, D. P. (1979). Velopharyngeal anatomy and physiology. *Ear, Nose, & Throat Journal*, 58, 316-21.

Kuehn, D. P. (1980). Orofacial embryology, anatomy and physiology. *Annals of Otolaryngology, Rhinology and Laryngology*, 89, Supplement 74, 138-41.

Iglesias, A., Kuehn, D. P., & Morris, H. L. (1980). Simultaneous assessment of pharyngeal wall and velar displacement for selected speech sounds. *Journal of Speech and Hearing Research*, 23, 429-46.

Seaver, E. J., & Kuehn, D. P. (1980). A cineradiographic and electromyographic investigation of velar positioning in non-nasal speech. *Cleft Palate Journal*, 17, 216-26.

- Kuehn, D. P., Reich, A., & Jordan, J. E. (1980). A cineradiographic study of chin marker positioning: Implications for the strain gauge transduction of jaw movement. *Journal of the Acoustical Society of America*, 67, 1825-7.
- Zawadsky, P. A., & Kuehn, D. P. (1980). A cineradiographic study of static and dynamic aspects of American English /r/. *Phonetica*, 37, 253-66.
- Shaw, R. L., Folkins, J. W., & Kuehn, D. P. (1980). Comparison of methods for measuring velar position from lateral-view cineradiography. *Cleft Palate Journal*, 17, 326-9.
- Kuehn, D. P., Folkins, J. W., & Cutting, C. B. (1982). Relationships between muscle activity and velar position. *Cleft Palate Journal*, 19, 25-35.
- Kuehn, D. P. (1985). A discussion of "Aerodynamic assessment of the results of pharyngeal flap surgery: A preliminary investigation." *Plastic and Reconstructive Surgery*, 76, 409-10.
- Kuehn, D. P. (1986). Causes of velopharyngeal incompetence. *Journal of Childhood Communication Disorders*, 10, 17-30.
- Kuehn, D. P. (1987). A discussion of "Speech intelligibility after partial glossectomy in children with Down's syndrome." *Plastic and Reconstructive Surgery*, 79, 48-9.
- Weatherley-White, R. C. A., Kuehn, D. P., Mirrett, P., Gilman, J. I., & Weatherley-White, C. C. (1987). Early repair and breast feeding for infants with cleft lip. *Plastic and Reconstructive Surgery*, 79, 879-885.
- Kuehn, D. P., Folkins, J. W., & Linville, R. N. (1988). An electromyographic study of the musculus uvulae. *Cleft Palate Journal*, 25, 348-55.
- Will, L., Aduss, M. K., Kuehn, D. P., & Parsons, R. W. (1989). The team approach to treating cleft lip/palate and other craniofacial anomalies in Illinois. *Illinois Dental Journal*, 58, 112-115.
- Salas-Provance, M. B. & Kuehn, D. P. (1990). Speech status following uvulopalatopharyngoplasty. *Chest*, 97, 111-117.
- Kuehn, D. P. & Kahane, J. C. (1990). Histologic study of the normal human adult soft palate. *Cleft Palate Journal*, 27, 26-34.
- Kuehn, D. P. (1990). A commentary on "Observations on a role for the tensor veli palatini muscle in intrinsic palatal function." *Cleft Palate Journal*, 27, 318-319.
- Kuehn, D.P., Templeton, P.J., & Maynard, J.A. (1990). Muscle spindles in the velopharyngeal musculature of humans. *Journal of Speech and Hearing Research*, 33, 488-493.
- Kuehn, D.P. (1991). New therapy for treating hypernasal speech using continuous positive airway pressure (CPAP). *Plastic & Reconstructive Surgery*, 88, 959-966.

- Ettema, S.L. & Kuehn, D.P. (1992). A quantitative histologic study of the normal human adult soft palate. *National Center for Voice and Speech, Status and Progress Report*, 2, 1-15.
- Kuehn, D.P., Moon, J.B., & Folkins, J.W. (1992). Levator veli palatini muscle activity in relation to intranasal air pressure variation. *National Center for Voice and Speech, Status and Progress Report*, 2, 93-106.
- Kuehn, D.P. & Moon, J.B. (1993). Levator veli palatini muscle activity in relation to intraoral air pressure variation. *National Center for Voice and Speech, Status and Progress Report*, 5, 1-10.
- Kuehn, D.P., Moon, J.B., & Folkins, J.W. (1993). Levator veli palatini muscle activity in relation to intranasal air pressure variation. *Cleft Palate-Craniofacial Journal*, 30, 361-368.
- Ettema, S.L. & Kuehn, D.P. (1994). A quantitative histologic study of the normal human adult soft palate. *Journal of Speech and Hearing Research*, 37, 303-313.
- Liss, J.M., Kuehn, D.P., & Hinkle, K.P. (1994). Direct training of velopharyngeal musculature. *National Center for Voice and Speech, Status and Progress Report*, 6, 43-52.
- Moon, J.B., Kuehn, D.P., & Huisman, J.J. (1994). Measurement of velopharyngeal closure force during vowel production. *National Center for Voice and Speech, Status and Progress Report*, 6, 53-60.
- Moon, J.B., Kuehn, D.P., & Huisman, J.J. (1994). Measurement of velopharyngeal closure force during vowel production. *Cleft Palate-Craniofacial Journal*, 31, 356-363.
- Kuehn, D.P. & Moon, J.B. (1994). Levator veli palatini muscle activity in relation to intraoral air pressure variation. *Journal of Speech and Hearing Research*, 37, 1260-1270.
- Liss, J.M., Kuehn, D.P., & Hinkle, K.P. (1994). Direct training of velopharyngeal musculature. *Journal of Medical Speech-Language Pathology*, 2, 243-251.
- Kuehn, D.P. (1994). Developments in hearing and speech sciences benefit treatment. Interview. *Advance for Speech-Language Pathologists & Audiologists*, November, 14, 20-21.
- Kuehn, D.P. & Moon, J.B. (1995). Levator veli palatini muscle activity in relation to intraoral air pressure variation in cleft palate subjects. *Cleft Palate-Craniofacial Journal*, 32, 376-381.
- Kuehn, D.P. (1995). Fast forward: ASHA leaders imagine where we'll be in the year 2005. *Asha*, v.37, January, p.52.
- Kuehn, D.P. (1995). Focus. Interview. *Asha*, v.37, February, p.58.
- Moon, J.B., Kuehn, D.P., & Huisman, J.J. (1995). Author response: Letter to the editor. *Cleft Palate-Craniofacial Journal*, 32, 263.

Kuehn, D.P. (1995). Current trends in managing cleft lip and palate. Interview. *Advance for Speech-Language Pathologists & Audiologists*, August, 28, 6-7.

Tomes, L.A. & Kuehn, D.P. (1996). Velopharyngeal impairment. *Current Opinion in Otolaryngology & Head and Neck Surgery*, 4, 155-165.

Moon, J.B. & Kuehn, D.P. (1996). Anatomy and physiology of normal and disordered velopharyngeal function for speech. *National Center for Voice and Speech, Status and Progress Report*, 9, 143-158.

Tomes, L., Kuehn, D.P., & Peterson-Falzone, S. (1996). Behavioral therapy for speakers with velopharyngeal impairment. *National Center for Voice and Speech, Status and Progress Report*, 9, 159-180.

Barsoumian, R., Kuehn, D.P., Moon, J.B., & Canady, J.W. (1997). An anatomic study of the tensor veli palatini and dilatator tubae muscles in relation to eustachian tube and velar function. *National Center for Voice and Speech, Status and Progress Report*, 11, 95-106.

Kuehn, D.P. & Moon, J.B. (1997). Velopharyngeal closure force and levator veli palatini activation levels in relation to varying phonetic contexts. *National Center for Voice and Speech, Status and Progress Report*, 11, 107-118.

Kuehn, D.P. (1997). The development of a new technique for treating hypernasality: CPAP. *American Journal of Speech-Language Pathology*, 6, 5-8. [Invited article]

Berry, D.A., Moon, J.B., & Kuehn, D.P. (1998). A histologically-based finite element model of the soft palate. *National Center for Voice and Speech, Status and Progress Report*, 12, 71-78.

Barsoumian, R., Kuehn, D.P., Moon, J.B., & Canady, J.W. (1998). An anatomic study of the tensor veli palatini and dilatator tubae muscles in relation to eustachian tube and velar function. *Cleft Palate-Craniofacial Journal*, 35, 101-110.

Kuehn, D.P. & Moon, J.B. (1998). Velopharyngeal closure force and levator veli palatini activation levels in varying phonetic contexts. *Journal of Speech, Language, and Hearing Research*, 41, 51-62.

Geffner, D. & Kuehn, D.P. (1998). National association addresses shortages of researchers and practitioners. *Topics in Language Disorders*, 19, 76-78.

Kuehn, D.P. (1998). Where have all the speech scientists gone? *Special Interest Division 5 Newsletter, American Speech-Language-Hearing Association*, Vol. 8, #1, pp. 5-6. [Invited article]

Kuehn, D.P. & Moon, J.B. (1999). Induced fatigue effects on velopharyngeal closure force. *National Center for Voice and Speech, Status and Progress Report*, 13, 93-103.

Kuehn, D.P. & Vig, K.D. (1999). Position Statement of the American Cleft Palate-Craniofacial Association on research needs over the next three-year period. Presented to the Strategic Planning Group of the National Institute on Deafness and Other Communication Disorders Advisory Council. [Kuehn's report invited by ACPA].

Berry, D.A., Moon, J.B., & Kuehn, D.P. (1999). A finite element model of the soft palate. *Cleft Palate-Craniofacial Journal*, 36, 217-223.

Kuehn, D.P. & Moon, J.B. (2000). Induced fatigue effects on velopharyngeal closure force. *Journal of Speech, Language, Hearing Research*, 43, 486-500.

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Kuehn, D.P. & Moller, K.T. (2000). Speech and language issues in the cleft palate population: The state-of-the-art. *Cleft Palate-Craniofacial Journal*, 37, 348/1-35. [Invited article]

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- Kuehn, D.P. (1986). Structure and function. Session chair. *Asha*, 28, 96.
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- Kuehn, D.P., Moon, J.B., & Folkins, J.F. (1992). Levator muscle activity in relation to intranasal air pressure variation. *Asha*, 34, 128.
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- Wachtel, J.M. & Kuehn, D.P. (1995). Hypernasality following tonsillectomy: A case study. *Asha*, October, 94.
- Moon, J.B. & Kuehn, D.P. (1995). Velar closure forces associated with speech production. *Asha*, October, 102.
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Ettema, S.L., Kuehn, D.P., Perlman, A.L., & Alperin, N. (1998). MRI & the human velopharynx. *Asha Leader*, Vol. 3, No.16, August 18, 67.

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Introducing Practical Phonetics, by Ian R. A. MacKay. Boston: Little, Brown and Co. (1978). In *Annals of Otology, Rhinology and Laryngology*, 89, 198-9, 1980.

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Speech Science Primer, by Gloria J. Borden & Katherine S. Harris. Baltimore: Williams & Wilkins (1980). In *Cleft Palate J.*, 18, 226-7, 1981.

Anatomy and Physiology of Speech: Laboratory Textbook, by Harold M. Kaplan, Graceway, Flushing, NY (1981). In *Cleft Palate J.*, 19, 150-1, 1982.

Applied Anatomy and Physiology of the Speech and Hearing Mechanism, by Hugh E. Bateman & Robert M. Mason. Springfield, IL: Charles C. Thomas (1984). In *Cleft Palate J.*, 22, 306-7, 1985.

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MANUSCRIPTS IN PREPARATION

Ha, S. & Kuehn, D.P. (submitted). Efficacy of CPAP therapy on the reduction of hypernasality: a case study. *Cleft Palate-Craniofacial Journal*.

Rong, P., & Kuehn, D.P. (submitted). The effect of compensatory articulation on perceived nasality. *Journal of the Acoustical Society of America*.

Perry, J., Kuehn, D., Wachtel, J., & Bailey, J. (submitted). Using MRI for early assessment of submucous cleft palate: A case report. *Cleft Palate-Craniofacial Journal*.

Perry J, Kuehn D, Sutton B, Bailey J, Manness W. (in preparation). The development of the levator veli palatini muscle from infancy to adulthood. *Cleft Palate-Craniofacial Journal*.

Perry J, Kuehn D, Sutton B (in preparation). Presence of the musculus uvulae muscle in adults with repaired cleft palate based on MRI. *Cleft Palate-Craniofacial Journal*.

Perry J, Kuehn D, Sutton B (in preparation). Assessment of the musculus uvulae muscle using magnetic resonance imaging. *Cleft Palate-Craniofacial Journal*.

Perry J, Kuehn D, Sutton B (in preparation). Morphology of the levator veli palatini muscle using magnetic resonance imaging. *Cleft Palate-Craniofacial Journal*.

Bae Y, Perry J, Kuehn D, Ray R (in preparation). Videofluorographic investigation of supine versus upright posture during speech. *Journal of Speech, Language, and Hearing Research*.

Rong, P. & Kuehn, D (in preparation). Effect of articulatory adjustment on perceived nasality. *Journal of Speech, Language, and Hearing Research*.

Bae, Y., Kuehn, D. P., Conway, C. A., & Sutton, B. P (in preparation). Visualization of velopharyngeal musculature using 3D MRI. *Cleft Palate-Craniofacial Journal*.

RESEARCH IN PROGRESS

Three-Dimensional Computerized Imaging of the Human Velopharynx

A goal of this research is to develop a 3-D model of the human upper pharynx. The main input to the model is from magnetic resonance images (MRI) obtained on this campus at the Biomedical Imaging Center with Dr. Brad Sutton and Dr. Jamie Perry and further processed using facilities at the Visualization, Media, and Imaging Laboratory at the Beckman Institute of Advanced Science and Technology.

Magnetic Resonance Imaging of the Velopharynx in Individuals with Cleft Palate

The purpose of this research is to gain an understanding of muscle tissue distribution in the palatal region of individuals born with cleft palate and to determine the anatomical status of repositioning muscle tissue and other soft tissue following primary palatal surgery. This research is being funded by a grant from Psi Iota Xi, national philanthropic organization in collaboration with Dr. Jonathon Bailey Carle Clinic in Urbana, Dr. Brad Sutton on this campus, and Dr. Jamie Perry at Illinois State University in Bloomington.

GRANT RELATED ACTIVITIES

Principal Investigator:

Fellowship award from the American-Scandinavian Foundation for research in the Department of Phonetics, Stockholm University, Sweden, September 1976- February 1977.

Fellowship Award from the Swedish Medical Research Council for research in the Department of Phonetics, Stockholm University and Huddinge Hospital, Sweden, An electromyographic investigation of the velopharyngeal musculature of children with cleft palate, Bjorn Fritzell and James Lubker, Co-investigators, September 1976 - February 1977.

Venture Fund 2987, Cleft Palate Research; travel funds to attend the 1980 American Cleft Palate Association Meeting, funding period August 1, 1979-June 30, 1980, University of Denver.

Venture Fund 2985, Development of Speech in Young Children; support for writing a grant proposal in conjunction with a post-doctoral research fellowship at the University of Alabama in Birmingham; funding period August 1, 1979 - June 30, 1981, University of Denver.

Venture Fund 2-05010, Speech Science Research; funding for equipment maintenance and repair; funding period August 1, 1980 - June 30, 1981, University of Denver.

Venture Fund 2-05026, Pharyngeal Anatomy; support for obtaining pilot data for a NIH grant proposal; funding period July 1, 1981 - June 30, 1982. University of Denver.

Development Grant, Winter Quarter, 1982, University of Denver.

PHS Research Grant, National Institute of Dental Research, Detailed Pharyngeal Anatomy: A Gross-Microscopic Study; \$167,814 total direct costs, 1982-85. Approved but not funded.

PHS Research Grant, National Institute of Dental Research, The Effects of Breastfeeding on Cleft Lip Repair, \$125,890 total direct costs, 1984-86. Approved but not funded.

Project EXCEL, Acoustic and Physiologic Principles in Speech and Hearing; \$71,395 for the purchase of seven IBM PC/AT computers and related hardware and software, 1986, University of Illinois.

University of Illinois Research Board, Image Analysis of the Human Soft Palate, \$22,455 for the purchase of a true color image analysis system and related hardware, 1988, University of Illinois.

PHS Research Grant, 1 R01 DC 00001-01, National Institute on Deafness and Other Communication Disorders, CPAP: New Therapy for Hypernasal Speech, \$73,282 total direct costs, 1990-92. Approved but not funded.

PHS Research Grant, RO3 DC01015, National Institute on Deafness and Other Communication Disorders, CPAP: New Therapy for Hypernasal Speech. Total costs: \$33,274, 1992; \$24,634, 1993.

PHS Research Grant, R01 DE10436, National Institute of Dental Research, CPAP Therapy for Hypernasality in Cleft Palate Subjects. Total costs: \$289,735, 1992-93; \$238,784, 1993- 94; \$298,064, 1994-95. Three-year total = \$826,583.

PHS Research Grant, R01-DE10436-03S1, National Institute of Dental Research, CPAP Therapy for Hypernasality in Cleft Palate Subjects; Disability Supplement for Lucrezia Tomes. Total costs: \$40,041, 1994-95.

William and Flora Hewlett Summer International Research Grant, A Comparative Study of Procedures and Effects of Treatment to Improve Speech in Subjects from the United States versus Japan, University of Illinois at Urbana-Champaign, \$3,500, 1995. Not funded.

Planning Grant, Critical Research Initiatives Program, Magnetic Resonance Imaging of the Human Velopharynx, University of Illinois at Urbana-Champaign, \$7,650, 1995. Not funded.

Scholars' Travel Fund, Research Board, for travel to 8th International Congress on Cleft Palate and Related Craniofacial Anomalies, Singapore, September 7-12, 1997, Treatment of velopharyngeal Speech Disorders in the United States: Expert Panel Member, University of Illinois at Urbana-Champaign, \$1,800 award plus \$250 supplemental expense allotment, 1996.

PHS Research Grant, National Institute on Deafness and Other Communication Disorders, National Center for Voice and Speech, University of Iowa, Ingo Titze, P.I.; Velopharyngeal Anatomy and Physiology, D.P. Kuehn, P.I. of subcontract to the University of Illinois, Disability Supplement for Lucrezia Tomes. Total costs: \$48,367, 1996.

Psi Iota Xi National Project Award, Clinical Research and Service Project for the Improvement of Cleft Palate Correction in Children. Co-Principal Investigator with Michael Goldwasser, Carle Clinic, Urbana, IL. Total costs: \$8,779, 1997-98; \$3000, 1998-99; \$3000, 1999-00; \$3000, 2000-01; \$3000, 2001-02.

Scholars' Travel Fund, Research Board, for travel to 4th Asian Pacific Cleft Lip & Palate Conference, Fukuoka, Japan, September 27-30, 1999, CPAP Therapy for Hypernasal Speech, \$1,500 award plus \$150 supplemental expense.

Scholars' Travel Fund, Research Board, for travel to 9th International Congress on Cleft Palate and Related Craniofacial Anomalies, Gothenburg, Sweden, June 25-29, 2001, Histologic Study of Intravelar Structures in Normal Human Adult Specimens, and Assessment of Velopharyngeal Musculature Using 3D MRI Acquisition and Reformatting Software Analysis, \$1,000 award plus \$300 supplemental expense.

Funding for graduate research assistant, High resolution magnetic resonance imaging (MRI) of the tongue muscles. UIUC Campus Research Board, 2001. Total Costs, \$8,500.

Symposium Grant, Smile Train philanthropic organization, Cleft Palate Speech Working Group meeting, Linda D'Antonio, Co-PI, 2002. Total costs: \$24,925.

Mary Jane Neer Research Fund, College of Applied Life Studies, University of Illinois at Urbana-Champaign, 2002, Magnetic Resonance Imaging of the Faucial Pillars and Related Structures. Total costs: \$12,722.

PHS Research Grant, P01 DE13493-01, National Institute of Dental and Craniofacial Research, Cleft Palate and Speech: Imaging, Management, Behavior. Year 1 total costs: \$1,084,112; Years 1-5 total costs: \$5,582,440. Not funded. Revised application resubmitted, 2001.

PHS Research Grant, P01 DE13493-01A1, National Institute of Dental and Craniofacial Research, Cleft Palate and Speech: Imaging, Management, Behavior (Revised application, 2001). Year 1 total costs: \$1,128,629; Years 1-5 total costs: \$5,499,356. Not funded.

PHS Research Grant, R21, National Institute of Dental and Craniofacial Research, MRI Analysis of Cleft Palate Musculature. Year 1 total costs: \$144,894; Years 1-2 total costs: \$301,795. 2002. Not funded.

UIUC Campus Research Board, Nasalance and Perceived Nasality in the Singing Voice. For purchase of Kay Elemetrics Corp., Nasometer II system and shipping. 2002. Total costs \$2,270

Mary Jane Neer Research Fund, College of Applied Life Studies, University of Illinois at Urbana-Champaign, 2003, Magnetic Resonance Imaging of the Palatoglossus Muscle. Total costs: \$14,283.

Mary Jane Neer Research Fund, College of Applied Life Studies, University of Illinois at Urbana-Champaign, 2003, Magnetic resonance imaging of the levator veli palatini muscle in speakers with repaired cleft palate. Total costs: \$8,800.

PHS Workshop Grant, National Institute on Deafness and Other Communication Disorders, Workshop on Universal Reporting Parameters for the Speech of Individuals with Cleft Palate. David P. Kuehn, workshop chair, organizer, and grant recipient. 2003-04. Total costs: \$50,000.

NCSA/UIUC Faculty Fellows Program, University of Illinois at Urbana-Champaign. Three-dimensional animation of velar muscles during speech using MRI. 2005. Total costs: \$35,910. Not funded.

Magnetic resonance imaging in speech and cleft palate research. UIUC Scholars' Travel Fund. Funding for keynote presentation, 10th International Congress on Cleft Palate and Related Craniofacial Anomalies. 2005. Total costs \$2,800.

Dynamic magnetic resonance imaging (MRI) of the primary velopharyngeal muscle for speech. Critical Research Initiatives, University of Illinois at Urbana-Champaign. 2006. Total costs \$94,928. Not funded.

Magnetic resonance imaging of the velopharyngeal musculature during speech. R21 application, NIH, National Institute on Deafness and Other Communication Disorders. 2006. Total costs \$395,809. Not funded.

UIUC Campus Research Board, Real-time magnetic resonance imaging of velopharyngeal area with simultaneous speech recordings. 2008-2009. Total costs \$20,112.

Mary Jane Neer Research Fund, College of Applied Health Sciences, University of Illinois at Urbana-Champaign, 2008, Real-time magnetic resonance imaging of velopharyngeal area with simultaneous speech recordings. Total costs: \$14,993. Not funded.

Children's Craniofacial Association of Dallas (CCA) Research Grant, Cleft Palate Foundation, American Cleft Palate-Craniofacial Association, funding requested for Americleft Speech Group Planning Meeting. Total costs \$10,000. Not funded.

Seeding a New Research Initiative, Beckman Institute, University of Illinois at Urbana-Champaign. Muscle imaging and speech animation using MRI input data. 2005-present. Total costs: \$18,710.

1st International Conference on Cleft Palate Speech: Perceptual Evaluation and Speech Outcomes. NIH, National Institute on Deafness and Other Communication Disorders. Total costs \$58,259.

Psi Iota Xi Long Term Project Award, Cleft Palate Research for Children, Co-Principal Investigator with Jonathan Bailey, Carle Clinic, Urbana, IL. 2002-2008. Total costs \$120,000.

Co-Investigator:

PHS Research Grant DE-00853, The National Institute of Dental Research, Diagnostic and Prognostic Techniques in Cleft Palate, 1971-79. Hughlett Morris, Principal Investigator.

PHS Research Grant DE-05837-06, the National Institute of Dental Research; Growth, Surgical, and Speech Aspects of Cleft Palate, 1986-91. Hughlett Morris, Principal Investigator.

PHS Research Grant, 2 R01 NS23795-04, National Institute on Deafness and Other Communication Disorders, Speech Production Studies: Oral-Nasal Communication, Bonnie Smith, Principal Investigator. Approved but not funded.

PHS Research Grant, National Institute of Dental Research, Mechanisms of Cleft Palate Development and Treatment, Hughlett Morris, Principal Investigator. Approved but not funded.

Intercampus Research Initiative in Biotechnology, IRIB 2001, Lingual Speech Function: MR Microscopy, Factor Analysis, and Dynamic MRI, Mark Hasegawa-Johnson, PI. Total costs: \$444,028. Not funded.

PHS Research Center Grant, National Center for Voice and Speech, DC00976, National Institute on Deafness and Other Communication Disorders, Ingo Titze, Principal Investigator. Kuehn, Velopharyngeal Anatomy and Physiology. Total costs: \$8,665, 1990-91; \$11,461, 1991-92; \$11,675, 1992-93; \$11,675, 1993-94; \$11,292, 1994-95; \$11,292, 1995-96; \$9,649, 1996-97; \$9,649, 1997-98; \$8,906, 1998-99; \$8,906, 1999-00; \$9,377, 2000.

Intercampus Research Initiative in Biotechnology, IRIB 2002, Volumetric and Fast MRI of Tongue Component Muscles, Mark Hasegawa-Johnson, PI. Total costs: \$450,000. Not funded.

NIH R01, Statistical and biomechanical models for macroglossia, Mark Hasegawa-Johnson, PI, David Kuehn, Investigator. Total costs: \$3,749,237. Not funded.

Magnetic resonance imaging and 3D computer modeling of the levator veli palatini muscle before and after primary palatoplasty. Bradley Sutton, PI, David Kuehn Co-PI. University of Illinois at Urbana-Champaign, Research Board, 2006. Total costs: \$10,494.

NSF Equipment Grant: MRI: Acquisition of a Multi-Length Scale Ultra High-Resolution X-ray Nanotomography Instrument, Paul Braun, PI. Kuehn, Normal and Cleft Palate Muscle Morphology. 2007-2009. Total costs: \$1,998,500.

NIH Exploratory/Developmental Research Grant Award (R21). Dynamic MRI of the Velopharyngeal Musculature During Swallowing and Speech. Bradley Sutton PI, David Kuehn Co-PI. 2007. Total costs: \$389,921. Not funded.

NIH, R03. MRI analysis of the velopharyngeal mechanism among four adult populations. Jamie Perry, PI; David Kuehn, Investigator, 2009. Total costs: \$433,286.

Consultantships:

PHS Research Grant NS-07555, the National Institute of Neurological and Communicative Disorders and Stroke, Studies of Speech Articulation, 1977-79.

PHS Research Grant DE-00853, The National Institute of Dental Research, Diagnostic and Prognostic Techniques in Cleft Palate, 1979-81.

PHS Research Grant NS-11852-05, the National Institute of Neurological and Communicative Disorders and Stroke, Physiology of Speech Articulation Processes and Disorders, 1980.

PHS Research Grant DE-00853, the National Institute of Dental Research; Growth, Surgical, and Speech Aspects of Cleft Palate, 1981- 85.

PHS Research Grant DE-05837-06, National Institute of Dental Research; Growth, Surgical, and Speech Aspects of Cleft Palate; site visit consultant, Iowa City, 1985.

PHS Research Grant 5 P50 DC00162, National Institute on Deafness and Other Communication Disorders; Speech Movement Research with an X-ray Microbeam; Site Visit Consultant, Madison, Wisconsin, 1989. Affiliate User, 1990, Project 13, CPAP: Velar Position, Force, and Muscle Activity.

Reviews:

RFP-NIH-79-10, the National Institute of Neurological and Communicative Disorders and Stroke, Methods for Studying Phonatory and Articulatory Control in Young Children who Stutter; site visit team member, 1979.

March of Dimes Birth Defects Foundation; Application Number 12-83-11, Comparison of the Effect of the Pharyngeal Flap and Sphincter Pharyngoplasty on the Speech and Respiratory Function; scientific merit review, 1982.

PHS Research Grant, Application Number 2 PO1 DE 01872-14, The National Institute of Dental Research, Center for Craniofacial Anomalies; special study section meeting and project site visit team member, Chicago, 1982.

National Manuscript Awards Contest, Communicative Disorders Program, Syracuse University, finalists judge, 1983.

March of Dimes Birth Defects Foundation, Application Number 12-85-24, Speech Sound Development in Cleft Palate Infants, scientific merit review, 1984.

PHS Research Grant, Application Number 2 P50 N516373-06, National Institute of Neurological and Communicative Disorders and Stroke, Speech Movement Research with an X-

ray Microbeam; special review committee and site visit team member, Madison, Wisconsin, 1985.

PHS Research Grant, Application Number 2 PO1 DE01697-24/FORREST, Division of Research Grants, Developmental Research in Craniofacial Anomalies, special study section meeting and project site visit team member, Pittsburgh, 1985.

PHS Research Grant, Application Number NS22458-01, National Institute of neurological and Communicative Disorders and Stroke, Intelligibility Assessment in Dysarthria; review panel member, Alexandria, Virginia, 1985.

PHS Research Grant, Application Number 2 PO1 NS 13717-24A1, National Institute of Neurological and Communicative Disorders and Stroke, Research Program on Dynamics of Speech Articulation; site visit team member, Haskins Laboratories, New Haven, Connecticut, 1985.

PHS Research Grant, Application Number 2 PO1 DE01697-24A1/McWilliams, National Institute of Dental Research; Developmental Research in Cleft Palate; special study section site review team member, Pittsburgh, 1985.

March of Dimes Birth Defects Foundation, Application Number 1-88-288, Electromyography of the Post-Modiolar Region Following Lip Repair in a Surgically Induced Cleft Rabbit Model; scientific merit review, 1987.

PHS Research Grant, Application Number 2 RO1 DE07105-05, Speech Aerodynamics: Regulation/Control in Cleft Palate. Chair, Special Study Section OBM1 (AHR-53), Oral Biology and Medicine Study Section, 1989.

PHS Research Grant, 2 PO1 DE01697-29, National Institute of Dental Research, Developmental Research in Cleft Palate, Special Study Section and Project Site Visitor, University of Pittsburgh, 1990.

PHS Research Grant, 2 PO1 DE01697-29A1/McWilliams, Special Study Section Teleconference, DRG, Developmental Research in Cleft Palate, 1991.

PHS Research Grant, 1 R29 DC01440-01, Analysis and Improvement of Alaryngeal Speech, External Reviewer for Sensory Disorders and Language Study Section, 1991.

PHS Small Business Innovation Research (SBIR), Behavioral and Neurosciences Special Emphasis Panel, Sensory Disorders and Language, Chevy Chase, MD, July 12, 1990. CMS-AHR-B1, March 8, 1991. Chair, AHR-B1, July 19, 1991. ZRG1-CMS 01 B, December 7, 1992. ZRG1-CMS-02B, August 6, 1993. ZRG1-CMS-B1, November 5, 1993. Chair, ZRG1-CMS-B1, March 7, 1994. Chair, ZRG1-CMS-3, July 13, 1994.

PHS Research Grant, OBM 1 ZRG4-02S meeting, Special Study Section, Chair. Speech Aerodynamics: Regulation/Control in Cleft Palate, Donald W. Warren, P.I., March 15, 1995.

PHS Research Grant, R01 DE10125 06, Zajac, Speech and Respiratory Dynamics in Cleft Palate, External Reviewer, 1998.

Research Grants Council, Hong Kong, China, HKU 7297/01M. Phonological development of Putonghua in children with cleft palate, Stephanie F.Stokes, P.I. External Reviewer, 2001.

Research Grants Council, Hong Kong, China, HKU 7480/03M. Improving the perceptual evaluation of dysarthric speech. Tara Whitehill, P.I. External Reviewer, 2003.

Health Sciences Centre Foundation, Winnepeg Canada. The treatment of velopharyngeal dysfunction and hypernasality with continuous positive airway pressure. Lonny L. Ross, P.I. External Reviewer, 2008.

TEACHING ACTIVITIES

Recurring Courses:

University of Denver, 1979-85:

40-190: Introduction to Communication Disorders (lecture topics: Speech Science, Craniofacial Disorders) (Fall, Winter, Spring)

40-350: Introduction to Phonetics (Spring)

40-350.1: Laboratory: Phonetics (Spring)

40-370: Anatomy and Physiology of the Speech and Hearing Mechanism (Winter)

40-385: Introduction to Speech Science (Fall) (Introduction to Speech and Hearing Science, 1979, 1980)

40-431: Advanced Speech and Hearing Science (Fall)

40-495: Research in Speech-Language Pathology and Audiology (Summer)

University of Illinois, January 1986-2009:

SPSHS 102: Human Communication: Systems, Processes and Disorders. Lecture topic: Speech Science, Fall, Spring, 1989-98; Cleft Lip and Palate, Fall, Spring, 1998-1999.

SPSHS 201: General Phonetics (Fall), 1988-1993.

SHS 300: Anatomy and Physiology of the Speech Mechanism (Fall) (Formerly SPSHS 375). 2004-2009.

SPSHS 375: Speech Science I (Fall): Anatomy and Physiology, 1986-2003.

SHS 301: General Speech Science (Spring) (Formerly SPSHS 376) 2005-2009.

SPSHS 376: Speech Science II (Spring), 1986-92; 1995-2004.

SHS 470: Neural Bases of Speech and Language (Fall) (Formerly SPSHS 472). 2004-2007.

SPSHS472: Neural Bases of Speech and Language (Fall) (Formerly SPSHS 495T). 1994-2003.

SPSHS 495T: Neural Bases of Speech, Hearing, and Language (Spring), 1986-1993.

SHS 512 (formerly SHS 593B): Orofacial Anomalies (Spring). 2005-present.

SPSHS 489A; SPSHS 414; 495B: Orofacial Anomalies (Spring), 1993-2004.

CSB 325: Anatomy of the Human Head and Neck, Joanne Cameron, Instructor. (lecture topic: Laryngeal and velopharyngeal anatomy, physiology, and pathology (Spring), 1989-1993.

Other Courses and Lectures (Last Ten Years of full time employment; 1998/99 – 2008/09):

The following are other (nonrecurring) teaching activities over the last ten years. Prior teaching activities are available upon request.

1998-99:

SPSHS 495: Research Critique and Grantsmanship: Guest Lecturer (Fall).

SPSHS 290: Independent Study: Head and neck dissection (Epperson, Herndon, Isermann, Ray)(Fall).

SPSHS 290: Independent Study: Effects of gravity on velum and tongue positioning during speech (Ray)(Fall). MRI Laboratory Research (Shin)(Fall, Spring). Library project in swallowing disorders and velopharyngeal functioning (Anderson)(Fall). Continuous Positive Airway Pressure (CPAP) research (Wirth, Spring).

SPSHS 291: Independent Study, Senior Research Project: Effects of gravity on velum and tongue positioning during speech (Ray)(Spring).

SPSHS 495: Independent Study: MRI Research (Ettema) (Fall, Spring). Laryngeal aspects of stuttering (Subramanian) (Fall). Laryngeal anatomy (Torng)(Fall).

SPSHS 499: Thesis Research, Magnetic Resonance Imaging of the Human Upper Pharynx (Ettema)(Fall, Spring).

SPSHS 199: Independent Study: Speech Physiology (Scales)(Summer).

003:525: University of Iowa: Cleft Palate Seminar, Guest Lecturer.

1999-2000:

SPSHS 290: Research Perspectives in Speech and Hearing Science, Guest lecture topic: Cleft Palate Research.

SPSHS 290: Independent Study: Head and neck dissection (Dauenhauer, Wirth, Brown, Hochstetler)(Fall).

SPSHS 290: Independent Study, Readings in Magnetic Resonance Imaging (Moehring, Sturgulewski)(Spring).

SPSHS 291: Senior Thesis Project, Magnetic resonance imaging of the palatoglossus and palatopharyngeus muscles and the medial pterygoid hamulus (Wirth)(Spring).

SPSHS 495: Independent Study, Dissection of the velopharyngeal musculature (Burton)(Spring).

SPSHS 199: Independent Study: Speech physiology (Scales)(Spring), Anatomical illustration (Leverich)(Spring).

SPSHS 499: Thesis research, The effects of gravity on velar and tongue positioning (Ray)(Spring).

2000-2001:

SPSHS 199: Independent Study: Human Anatomy Dissection (Bierman, Kantzavelos, Nungesser)(Fall).

SPSHS 290: Independent Study: Human Anatomy Dissection (Kelly)(Fall).

SPSHS 291: Independent Study: Readings in magnetic resonance imaging (MRI) with emphasis on imaging the tongue (Leverich)(Fall).

SPSHS 499: Thesis research, The effects of gravity on velar and tongue positioning (Ray)(Fall, Spring).

SPSHS 290: Independent Study: Digitization of slides for teaching purposes (Bryski, Willenborg)(Spring).

SPSHS 291: Independent Study: Anatomical illustration (Leverich)(Spring).

2001-2002:

SPSHS 290: Independent Study: Human Anatomy Dissection (Galvanoni, Peterson, Willenborg, Young)(Fall).

SPSHS 290: Independent Study: Readings in universal speech measures (Williams)(Fall).

SPSHS 496: Proseminar in Speech and Hearing Science. Lecture topic: Magnetic Resonance Imaging (MRI) of the Velopharynx (Fall).

SPSHS 495D: Topics in the Speech, Language, and Hearing Sciences. Lecture topic: Speech anatomy. (Fall).

2002-2003:

SPSHS 199: Independent Study: MRI imaging of muscles (Song)(Fall).

SPSHS 290: Independent Study: Human Anatomy Dissection (Keller, Ledebuhr, Song, Unger)(Fall). Readings in magnetic imaging of muscles (Bartucci)(Summer).

SPSHS 496: Proseminar in Speech and Hearing Science. Lecture topic: Cleft Palate Surgical Missions in Developing Countries (Spring).

SPSHS 499: Thesis research: MRI of the velopharyngeal musculature. (Tian)(Fall, Spring).

2003-2004:

SPSHS 102: Introduction to Human Communication Systems, Processes, and Disorders; Guest lecture topic: Cleft Lip and Palate. (Fall)

SPSHS 290: Independent Study: Human Anatomy Dissection (Cesarone, Nightengale, Stewart, Whitebread) (Fall).

SPSHS 495: Independent Study: Research in Cleft Palate and Related Issues in Anatomy, Physiology, and Acoustics (Ha, Perry, Song, Tian) (Fall, Spring).

SPSHS 495D: Topics in the Speech, Language, and Hearing Sciences. Lecture topic: Evidence Based Practice in Speech Pathology (Fall).

2004-2005:

SHS 170: Human Communication: Systems, Processes, and Disorders, Course instructor with Adrienne Perlman and Wei Tian. (Spring).

SHS 390: Independent Study: Human Anatomy Dissection (Fassero, Heck, Szafranski, Walker) (Fall).

SHS 390: Independent Study, Stereoscopic Imaging Techniques (Perry) (Fall)

PAS 445: Orofacial Anomalies and Associated Speech Disorders, Illinois State University, Department of Speech Pathology and Audiology, Jayne Wachtel course instructor. Lecture topics: Embryology and Velopharyngeal Anatomy; International Issues in Cleft Lip and Palate; Acoustic Aspects of Nasalization (with Seunghee Ha and Youkyung Bae). (Spring).

SHS 593: Special Problems; Topics in the Speech, Language, and Hearing Sciences. Lecture topic: Evidence Based Practice in Speech Pathology (Fall).

SHS 593: Special Problems; Doctoral Seminar: Research Issues in Speech Science and Cleft Palate. (Ha, Perry, Song, Tian) (Fall, Spring).

2005-2006:

SHS 170: Human Communication: Systems, Processes, and Disorders. Guest lecturer, lecture topic: Cleft Lip and Palate. (Fall).

Cleft lip and palate with primary emphasis on speech management, three 4-hour lectures. Graduate Program, Hospital for Rehabilitation of Craniofacial Anomalies, University of Sao Paulo, Bauru, Sao Paulo, Brazil. (Fall).

SHS 390: Independent Study, The role of the speech-language pathologist in cleft palate management. (Pohlman) (Spring).

SHS 390: Independent Study, Cleft palate assessment: Universal Parameters. (Magnusen) (Summer).

SHS 593: Special Problems; Doctoral Seminar: Research Issues in Speech Science and Cleft Palate. (Ha, Perry, Bae) (Fall, Spring).

SHS 593, Special Problems, Independent Study, Velopharyngeal Anatomy (Susanna Kim) (Spring).

SHS 593, Special Problems, Independent Study, MRI Muscle Measurement (Jin Lee) (Spring).

2006-2007:

SHS 170: Human Communication: Systems, Processes, and Disorders. Guest lecturer, lecture topic: Cleft Lip and Palate. (Fall, Spring).

SHS 390: Independent Study: Human Anatomy Dissection (Bemi, Brazas, Coletto, Kolka) (Fall).

SHS 390: Independent Study: Acoustic Analyses and MRI (Bae) (Fall).

SHS 593: Special Problems; Doctoral Seminar: Research Issues in Speech Science and Cleft Palate. (Perry, Bae, Zhang) (Fall, Spring).

SHS 599: Thesis Research: Computer Modeling of the Velopharynx. (Perry) (Fall, Spring).

2007-2008:

SHS 170: Human Communication: Systems, Processes, and Disorders. Guest lecturer, lecture topic: Cleft Lip and Palate. (Fall, Spring).

SHS 191X: Freshmen Seminar, Orientation to Communication Sciences and Disorders. Lecturer.

SHS 390: Independent Study: Human Anatomy Dissection (Kolb, Parsons, Ruzicka, Stanek) (Fall).

SHS 390: Independent Study: MRI and Speech (Hockenberry, Mack) (Fall)

SHS 390: Independent Study: Acoustic Analyses and MRI (Bae) (Fall).

SHS 593: Special Problems; Doctoral Seminar: Research Issues in Speech Science and Cleft Palate. (Bae, Zhang, Rong) (Fall, Spring).

SHS 599: Thesis research. (Bae) (Spring).

2008-2009:

SHS 170: Human Communication: Systems, Processes, and Disorders. Guest lecturer, lecture topic: Cleft Lip and Palate. (Fall, Spring).

BioE 120: Introduction to Bioengineering. Guest lecturer, lecture topic: MRI in Speech Research and Cleft Palate Surgical Applications. (Fall).

SHS 199. Independent Study. 3D reconstruction of magnetic resonance images.

SHS 390: Independent Study: Human Anatomy Dissection (Bryar, Kean, Regalbuto, Traficanti) (Fall).

SHS 390: Independent Study: Visualization Lab at Beckman Institute (Piejko).

SHS 593: Special Problems; Doctoral Seminar: Research Issues in Speech Science and Cleft Palate. (Bae, Zhang, Rong) (Fall, Spring).

SHS 599: PhD thesis research. (Bae)(Fall, Spring).

Note: The following lectures delivered after retirement date of 5/31/09.

9/16/09. Illinois State University, Department of Communication Sciences and Disorders
CSD 413, Evaluation and Management of Voice and Resonance Disorders,
Lecture topic: Embryology, Surgical and Prosthetic Management.

THESES

Knox, Jeffrey A. (1976). Acoustic analysis of stuttering behavior within the context of fluent speech; Ph.D. thesis committee member, University of Iowa.

Iglesias, Aguilés (1978). Pharyngeal wall and velar displacement in normal speech; Ph.D. thesis co-director and director of dissertation research, University of Iowa.

Zawadski, Paul A. (1979). A cinefluorographic study of vowel articulation; Ph.D. thesis Committee member, University of Iowa.

Seaver, Earl J. (1979). A cinefluorographic and electromyographic investigation of velar positioning in all oral speech; Ph.D. thesis co-director and director of dissertation research, University of Iowa.

Harrington, Judith F. (unfinished). Velar movement dynamics in speakers with velopharyngeal inadequacy; Ph.D thesis co-director and director of dissertation research, University of Iowa.

Stein, Dorothy M. (1980). A cineradiographic study of selected articulatory characteristics in the speech of deaf talkers; Ph.D. thesis committee member, University of Iowa.

Henderson, C. E. Chuck (1981). Fundamental frequency of the human voice and personality traits; Ph.D. thesis committee member, University of Denver.

Yingling, Julie (1981). Temporal features of infant speech: A description of babbling patterns circumscribed by postural achievement; Ph.D. thesis committee member, University of Denver.

Caplovitz-Barrett, Karen (1984). Infants' use of conflicting emotion signals; Ph.D. thesis committee member, Oral Examination Chair, University of Denver.

Daniel, Linda (unfinished). The effects of acoustic highlighting on the imitation of stress features by profoundly hearing-impaired children; Ph.D. thesis committee member, University of Wisconsin-Madison.

Salas-Provence, Marlene (1988). Speech quality following uvulopalatopharyngoplasty to alleviate sleep apnea, Master's thesis equivalent, Director, University of Illinois at Urbana-Champaign.

Swun, Kechyan (1989). Cross language study of voice fundamental frequency variation. Master's thesis director, University of Illinois at Urbana-Champaign.

Liss, Julie M. (1989). Muscle spindles in the human levator veli palatini and palatoglossus muscles. Ph.D. thesis committee member, University of Wisconsin-Madison.

Salas-Provance, Marlene (1990). Acoustic-phonetic analyses of the prespeech vocalizations of 13-month-old children with cleft palate. Ph.D. thesis director and director of dissertation research, University of Illinois at Urbana-Champaign.

Ettema, Sandra L. (1991). A quantitative histologic study of the normal human adult soft palate. Senior Honors Thesis director, University of Illinois at Urbana-Champaign.

Hall, Kelly D. (1991). Acoustic and physiologic analyses of hyperfunctional voice disorders. Ph.D. thesis committee member, University of Illinois at Urbana-Champaign.

Ettema, Sandra L. (1993). A quantitative histologic study of the pterygoid hamulus and its surrounding region. Master's thesis director, University of Illinois at Urbana-Champaign.

Ambrose, Noline G. (1996). Genetic aspects of persistence and recovery in stuttering. Ph.D. thesis committee member, University of Illinois at Urbana-Champaign.

Barsoumian, Raffi (1996). Anatomical bases of middle ear aeration: A study of the dilator tubae, tensor veli palatini, and tensor tympani muscles. Master's thesis director, University of Illinois at Urbana-Champaign.

Throneburg, Rebecca N. (1996). Characteristics of disfluencies of preschool children who stutter: A longitudinal study regarding persistence and recovery. Ph.D. thesis committee member, University of Illinois at Urbana-Champaign.

Torng, Pao-Chuan (1999). Intrinsic pitch in a tonal language: An acoustic study of the laryngeal and supralaryngeal interaction. Masters thesis equivalency committee member. University of Illinois at Urbana-Champaign.

Clark, Michele (1999). Voice quality in farmers, commercial spray operators and their urban peers. Master's thesis committee member, University of Illinois at Urbana-Champaign.

Ettema, Sandra L. (1999). Magnetic resonance imaging of the levator veli palatini muscle during speech and swallowing. Ph.D. thesis advisor and director of dissertation research, University of Illinois at Urbana-Champaign.

Bogschutz, R.J. (2000). The role of timing, coordination and muscle activation in the control of velocity of velopharyngeal opening. PhD thesis committee member, University of Iowa.

Torng, Pao-Chuan (2000). Supralaryngeal articulator movements and laryngeal control in Mandarin Chinese tonal production. Ph.D. thesis committee member, University of Illinois at Urbana-Champaign.

Ray, Rebecca (2001). Videofluorographic investigation of the effects of supine versus upright posture on velum and tongue positioning during speech and swallowing. Master's thesis director, University of Illinois at Urbana-Champaign.

Burton, Vera Joanna (2002). Dynamic quick incidental learning as a measure of word learning. Master's thesis committee member, University of Illinois at Urbana-Champaign.

Bierman, Nichole (2003). Respiratory patterns during swallowing in normal school-age children. Master's thesis committee member, University of Illinois at Urbana-Champaign.

Jennings, Jori (2005). The effects of pitch, vowel, dynamic level and gender on nasalance in amateur and classically trained singers. Director of dissertation research, Doctor of Musical Arts in Music Performance and Literature, University of Illinois at Urbana-Champaign.

Han, Irene (2005). Displacement of oral pharyngeal structures during swallowing in upright versus supine positions. Master's thesis committee member, University of Illinois at Urbana-Champaign.

Tian, Wei (2005). Muscle architecture and structural model of the human tongue. PhD thesis advisor and director of dissertation research, University of Illinois at Urbana-Champaign.

Malick, Deonne N. (2005). Effects of oral pressure modulation on velopharyngeal closure force. PhD thesis committee member, University of Iowa.

Bae, Youkyung (2006). Nasometer as an objective measurement tool of oral-nasal resonance (Master's thesis equivalency). Master's thesis director, University of Illinois at Urbana-Champaign.

Ha, Seunghee (2006). Magnetic resonance imaging of the levator veli palatini muscle in speakers with repaired cleft palate. PhD thesis advisor and director of dissertation research, University of Illinois at Urbana-Champaign.

Perry, Jamie (2007). Magnetic resonance imaging and 3D computer modeling of the levator veli palatini muscle before and after primary palatoplasty. PhD thesis advisor, University of Illinois at Urbana-Champaign.

Zhang, Wenlang (2008). The influence of different tones of Mandarin Chinese on the temporal characteristics of nasalization. Master's thesis equivalency advisor, University of Illinois at Urbana-Champaign.

Malandraki, Georgia (2008). Identifying the neural correlates of swallowing in two age groups using fMRI. PhD thesis committee member, University of Illinois at Urbana-Champaign.

Yoon, Sook-Youn (2009). Nonsense syllable confusion matrices and nonsense syllable imitation tasks in Korean-English bilingual children and adults. Early research project committee member, University of Illinois at Urbana-Champaign.

Bae, Youkyung (2009). Magnetic resonance imaging and acoustic analysis of velopharyngeal activity for speech. PhD thesis advisor, University of Illinois at Urbana-Champaign.

Rong, Panying (2009). Mathematical modeling of the vocal tract with nasal cavity coupling. Master's thesis equivalency advisor, University of Illinois at Urbana-Champaign.

Gopal, Rachna (2010). Development of a communication assessment protocol for young children with cleft lip and/or palate (CL/P) in Mauritius. External examiner, University of Pretoria, Pretoria, South Africa,

Yoon, Sook-Youn (2010). English syllable confusion and imitation in Korean bilingual and monolingual children and adults. PhD thesis committee member, University of Illinois at Urbana-Champaign.

Rong, Panying (2009). PhD thesis in progress. University of Illinois at Urbana-Champaign.

COMMITTEE ACTIVITY

International:

International Program Coordinating Committee, 6th International Congress on Cleft Palate and Related Craniofacial Anomalies, Jerusalem, Israel, 1988-89.

International Panel of Experts, 8th International Congress on Cleft Palate and Related Craniofacial Anomalies, Singapore, 1996-97.

Chair and Symposium Organizer, Evaluation of VPI Treatment, 9th International Congress on Cleft Palate and Related Craniofacial Anomalies, Goteborg, Sweden, 2000-01.

Scientific Committee, Speech Coordinator, 2nd World Congress of the International Cleft Lip and Palate Foundation, Munich, Germany, 2002.

International Panel of Experts, 10th International Congress on Cleft Palate and Related Craniofacial Anomalies, Durban, South Africa, 2005.

Chair of the Steering Committee: International Working Group to Develop Universal Reporting Parameters for Speech. 2003-2009.

Planning Committee, Speech Coordinator, and Faculty Member, 5th World Congress of the International Cleft Lip and Palate Foundation, Dallas, TX, 2008.

Chair of Planning and Organization Committee: 1st International Conference on Cleft Palate Speech: Perceptual Evaluation and Speech Outcomes. 2007-2009.

Invited Faculty Member. 5th Congress of the International Cleft Lip and Palate Foundation, Dallas-Fort Worth, TX, 2008.

Invited Faculty Member. 11th International Congress on Cleft Palate and Related Craniofacial Anomalies, Fortaleza, Brazil, 2009.

Advisory Committee, 13th International Congress on Cleft Palate and Related Craniofacial Anomalies, Vancouver, Canada, 2017.

National:

Manpower Needs and Utilization, American Speech-Language-Hearing Association, 1979-81.

1980 Convention Program, Speech Disorders IV Subcommittee, American Speech-Language-Hearing Association.

Chair, Nominating Committee for Association Officers, American Cleft Palate Association, 1980-81.

Chair, Local Arrangements for the 1982 meeting of the American Cleft Palate Association, 1980-82.

1982 Annual Meeting Coordinating Committee, American Cleft Palate Association, 1980-82.
Professional Education, American Cleft Palate Educational Foundation, 1980-82.

Symposia, American Cleft Palate Educational Foundation, 1980-82.

Public Information, American Cleft Palate Association, 1980-82.

1982 Convention Program, American Cleft Palate Association.

Co-chair, Craniofacial Cleft Palate Bibliography, American Cleft Palate Educational Foundation, 1981-82.

Personnel and Service Needs in Communication Disorders, American Speech- Language- Hearing Association, 1982-83.

Ad Hoc Committee on Congenital Orofacial and Craniofacial Disorders, American Speech- Language- Hearing Association, 1982-83.

Chair, Honors and Awards, American Cleft Palate Association, 1982-83.

Chair, Public Education, American Cleft Palate Educational Foundation, 1982-83.

Chair, Speech Science Subcommittee, 1983 Convention Program, American Speech- Language- Hearing Association, 1983.

Finance, American Cleft Palate Educational Foundation, 1983-87.

Chair, Speech Science Subcommittee, 1984 Convention Program, American Speech- Language- Hearing Association, 1984.

1985 Convention Program, Speech Disorders I Subcommittee, American Speech- Language- Hearing Association, 1985.

1986 Convention Program, American Cleft Palate Association.

Chair, 1987 Convention Program Committee, American Cleft Palate Association.

Honors and Awards, American Cleft Palate Association, 1986-87.

Budget, Finance, and Investment, American Cleft Palate Association, 1987-88.

Local Arrangements Advisory, American Cleft Palate Association, 1987-88.

National Professional Journal Project, Cleft Palate Foundation, 1989-90.

1989 Convention Program, Speech Science Subcommittee, American Speech-Language-Hearing Association.

Committee to Develop New National Examination for Certification in Speech-Language Pathology, American Speech-Language-Hearing Association and Educational Testing Service, 1988-89.

Chair, Speech Disorders I Subcommittee, 1990 Convention Program, American Speech-Language-Hearing Association, 1990.

Chair, Subcommittee on the Establishment of Journal Supplements, Publications Board, American Speech-Language-Hearing Association, 1993-94.

Multicultural Issues, Board of Division Coordinators, American Speech-Language-Hearing Association, 1994.

Steering Committee, American Speech-Language-Hearing Association, to generate and review hypotheses in response to the National Institute on Deafness and Other Communication Disorders, Request for Application 96-002, 1995-96.

Committee on Budget, American Speech-Language-Hearing Association, 1995-97.

Committee on Committees, American Speech-Language-Hearing Association, 1995-97.

Committee on Resolutions, American Speech-Language-Hearing Association, 1995-97.

Chair, Research and Technology Coordinating Committee, American Speech-Language-Hearing Association, 1995-97.

Honors and Awards, American Cleft Palate-Craniofacial Association, 1996-99.

Chair, Nominating, American Cleft Palate-Craniofacial Association, 1996-97.

Ad Hoc Committee on the Governance Restructure Proposal; to develop a new structure of governance for the American Speech-Language-Hearing Association, 1996.

Executive Board Subcommittee on the Annual Convention, American Speech-Language-Hearing Association, 1996.

Association Management System (AMS) Subcommittee, Executive Board, American Speech-Language-Hearing Association, 1996.

Governance Restructure Plan Design Team, to develop a new structure of governance for the American Speech-Language-Hearing Association, 1997.

Town Meeting Subcommittee for Dissemination of Information, Executive Board, American Speech-Language-Hearing Association, 1997.

Subcommittee for Dissemination of Information to the Legislative Council Pertaining to the 1996 Issues Forum, Executive Board, American Speech-Language-Hearing Association, 1997.

Technology Subcommittee, Governance Restructure Plan Design Team, to develop a new structure of governance for the American Speech-Language-Hearing Association, 1997.

Co-chair, Working Group on Recruitment, Retention, and Academic Preparation of Researchers and Teacher-Scholars, American Speech-Language-Hearing Association, 1997.

Voice/Swallowing Liaison Group, Communication Sciences & Disorders Research Group, American Speech-Language-Hearing Association, 1997-2000.

Working Group to Establish an Academy for Communication Sciences and Disorders, American Speech-Language-Hearing Association, 1998-99.

Chair, Voice and Resonance Disorders Subcommittee, 1998 Convention Program Committee, American Speech-Language-Hearing Association, 1997-1998.

Co-chair, Discipline Wide Research, 1999 Convention Program Committee, American Speech-Language-Hearing Association, 1998-1999.

Convention Co-Chair, 2000 Convention Program Committee, American Speech-Language-Hearing Association.

Convention Program Committee, Voice and Resonance Subcommittee, American Speech-Language-Hearing Association, 2002.

Research Education Committee, American Cleft Palate-Craniofacial Association, 1995-present.

Education, Special Interest Division 5, American Speech-Language-Hearing Association, 2004-2005.

Electronic Communication, Special Interest Division 5, American Speech-Language-Hearing Association, 2004-2005.

Task Force on Clinical Trials/Outcomes Research, American Cleft Palate-Craniofacial Association, 2003-2006.

Co-Chair. American Cleft Palate-Craniofacial Association/American Speech-Language-Hearing Association Special Interest Division 5 Task Speech Pathology Affairs Task Force, 2004-2009.

Americleft Task Force, Chair, Speech Division. American Cleft Palate-Craniofacial Association, 2008-2009.

University and State Related:

University of Denver:

Department:

Promotion and Tenure Committee, member, 1979-81; 1983-85.

Chairperson's Advisory Committee, member, 1980-83.

Research Committee, chairman, 1979-83.

Search Committee, chairman, 1982.

Comprehensive Exams, ad hoc, 1982.

University:

Institutional Review Board for the Protection of Human Rights, 1981-83.

State:

1981 Convention Program, Colorado Speech-Language-Hearing Association.

Chair, Professional Advisory Committee, Colorado Cleft Palate Association, 1984-85.

University of Illinois:

Department:

Courses and Curriculum, Spring, 1986; 1987-88; 1991-92.

Chair, Courses and Curriculum, 1986-87.

Advisory to the Head, 1986-87, 1990-93; 1997-2000; 2004-2009.

Equipment and Computerization, 1986-87.

Human Subject Protection, 1987-88, 1988-89; Chair, 1989-90, 1990-91.

Graduate, 1988-89, 1989-90.

Promotion and Tenure, 1989-90; 1995-96.

Chair, Search Committee for Hearing Clinic Director, 1990-91.

Shop, 1990-91; Chair, 1991-92.

Capricious Grading, 1990-91.

Affirmative Action Officer, 1990-1993; 1997-2002; 2004-2006.

Alumni Newsletter, 1992.

M.A. Curriculum, 1992-1998.

Chair, Search Committee for 1) Speech Pathology and 2) Language Disorders Positions; 1992-93.

John J. O'Neill Annual Lecture Coordination, 1994.

Speech Area Working Group: 1994-2009. Leader: 1998-1999.

Chair, Search Committee for Assistant Professor position, 2001.

Chair, Ph.D. Curriculum Committee, 1992-2003; member, 2004-2005.
Chair, Master's Curriculum Committee, 2003-2004.
Chair, Search Committee for Assistant Professor position, 2004.
Ad Hoc Space Committee, 2006.
Chair, Ph.D. Curriculum Committee, 2005-2007.
Graduate Admissions Committee, 2006-2007.
Chair, Graduate Admissions Committee, 2004-2005; 2007-2009.
Chair, Applicants' Open House Committee, 2007-2009.
Chair, Search Committee for American Sign Language Assistant Professor faculty position, 2008-2009.
Promotion and Tenure, 2009.

College:

College of Liberal Arts and Sciences:

Honors Council, 1989-90, Chair, 1990-91.

College of Applied Health Sciences (formerly College of Applied Life Studies):

Equal Employment Opportunity Committee, 1991-93.
Alleged Capricious Grading Committee, 1993-95.
Information Technology Coordinating Committee, 1996-97.
Neer Research Committee, 1998-99.
Chair, King J. McCristal Distinguished Scholar Award Committee, 1999.
Affirmative Action, 1997-2000.
Task Force on Departmental Merger of Community Health, 2003.
Chair, College of Applied Health Sciences Dean's Reappointment Evaluation Committee, 2006, 2008, 2009.
Promotion and Tenure Committee, 1999-2001; 2002-2003; 2004-2006. Chair, 2003; 2005; 2007-2009.
Executive Committee, 2001-2003; 2004-2006; 2007-2009.
Faculty Mentoring Committee, 2008-2009.

University:

Faculty Senate, 1992-94; 2000-2002; 2006-09.
Admissions, 2001-2002.
Advisory Committee, NIH Equipment Grant for Upgrade of 3T MRI system, Biomedical Imaging Center, 2004.
Library Long-range Advisory Committee, 2004-2006.
National Science Olympiad Unit Liaison Member, 2004-2005.
Information Technology Advisory Board (ITAB), 2005-2007.
International Graduate Student Award Committee, 2005-2007.

State:

1991 Convention Program, Speech Science Track, Illinois Speech-Language-Hearing Association.

1992 Convention Program, Speech Science Track, Illinois Speech-Language-Hearing Association.

Illinois Association of Craniofacial Teams (IACT), Committee to Survey National Organizations for Position Papers on Cleft Lip and Palate and Other Craniofacial Disorders, 1992-94.

RECENT CONTINUING EDUCATION

2007:

American Cleft Palate-Craniofacial Association, Broomfield, CO.
27th World Congress of the International Association of Logopedics and Phoniatics,
Copenhagen, Denmark.

2008:

Surgical Teams to Developing Nations Conference, St. Paul, MN.
American Cleft Palate-Craniofacial Association, Philadelphia, PA.
5th Congress of the International Cleft Lip and Palate Foundation, Dallas-Fort Worth, TX.
American Speech-Language-Hearing Association, Chicago, IL.

2009:

Annual Faculty Retreat: Preparing Students for the Global Century. University of Illinois at
Urbana-Champaign.
American Cleft Palate-Craniofacial Association, Scottsdale, AZ.
Imaging at Illinois Workshop. University of Illinois at Urbana-Champaign.
American Speech-Language-Hearing Association, New Orleans, LA.

2010:

American Cleft Palate-Craniofacial Association, Fort Worth, TX.
Imaging Without Boundaries: Exploring the Science, Technology, and Applications of Imaging
and Visualization, Beckman Institute, University of Illinois at Urbana-Champaign.
21st Cleft Lip and Palate Symposium, Children's Healthcare of Atlanta, Atlanta, GA.

2011:

American Cleft Palate-Craniofacial Association, San Juan, Puerto Rico.

PRESENTATIONS AT SCHOLARLY MEETINGS

Note: Published abstracts are listed in full under Publications and are not duplicated in the Presentations sections.

Invited Presentations:

Kuehn, D. P. (1976). A cineradiographic investigation of velar movement variables. Stockholm, Sweden: Swedish Association of Logopedics and Phoniatrics.

Kuehn, D. P. (1977). Instrumental techniques in the evaluation of velopharyngeal competency. Malmö, Sweden: Malmö General Hospital, University ENT Clinic, Department of Phoniatrics.

Kuehn, D. P. (1977). Biomechanics of speech production: What can cineradiographic techniques contribute? Lund, Sweden: Lund University, Department of General Phonetics.

Kuehn, D. P. (1977). A study of articulatory velocity by cineradiographic techniques. Huddinge, Sweden: Huddinge University Hospital, Department of Phoniatrics.

Kuehn, D. P. (1977). Velopharyngeal function and dysfunction: general session coordinator. Toronto: Third International Congress on Cleft Palate and Related Craniofacial Anomalies.

Kuehn, D. P. (1978). Radiographic procedures in the assessment of velopharyngeal incompetencies. East Lansing: Michigan State University, Edward W. Sparrow Hospital, Cleft Palate Clinic, Keynote speaker.

Kuehn, D. P. (1978). Orofacial embryology and anatomy/physiology. Omaha: Boys Town Institute for Communication Disorders in Children, Dedication Conference.

Kuehn, D. P. (1978). The child with cleft lip or palate: Brighter horizons. DeKalb, IL: Northern Illinois University, Public Lecture.

Kuehn, D. P. (1978). Velopharyngeal anatomy and physiology: An update. DeKalb, IL: Northern Illinois University, Public Lecture and Student Seminar.

Kuehn, D. P. (1979a). See abstracts.

Kuehn, D. P. (1979b). See abstracts.

Kuehn, D. P. (1979c). See abstracts.

Kuehn, D. P. (1979). The presence of muscle spindles and other mechanoreceptors in the velopharyngeal region. Madison, WI: Conference on Speech Motor Control.

Kuehn, D. P. (1979). Horizons for speech science. Iowa City: University of Iowa, dedication conference for the retirement of Professor James F. Curtis, final session chairman.

Kuehn, D. P. (1980). See abstracts.

Kuehn, D. P. (1981). Speech production and cognition. Lawrence, KS: The University of Kansas, conference entitled "Cognition: The "and" in Hearing and Speech-Language Disorders."

Kuehn, D. P. (1982). Diagnostic instrumentation: Aids for treatment decisions; moderator and chairman. Denver: American Cleft Palate Association.

Kuehn, D. P. (1983). See abstracts.

Kuehn, D. P. (1983). Chairman, Specialty Session on Speech. Indianapolis: American Cleft Palate Association.

Kuehn, D. P. (1983). Normal velopharyngeal anatomy and physiology. Symposium on "Treatment of the Velopharynx for Individuals with Dysarthria." Omaha: Boys Town National Institute.

Kuehn, D. P., & Mirrett, P. (1983). Speech and language development related to cleft lip/palate. Denver: Cleft Lip/Palate Support Group.

Kuehn, D. P. (1984). See abstracts.

Kuehn, D. P., & Tartaglia, J. F. (1984). Speech and language development of the child with cleft lip and palate. Denver: Cleft Lip/Palate Support Group workshop, "A Multidisciplinary Approach to the Treatment of Cleft Lip/Palate."

Kuehn, D. P. (1985). See abstracts.

Kuehn, D. P. (1985). Videotape Forum, session chair. Miami: American Cleft Palate Association.

Kuehn, D. P. (1985). Speech related issues in cleft lip and palate. Casper, WY: Wyoming Speech-Language-Hearing Association annual convention.

Kuehn, D. P. (1985). Management issues in cleft lip and palate. First annual lecture of the Center of Excellence in Research and Innovative Services for the Communicatively Impaired; co-sponsored by the Department of Otolaryngology of the University of Tennessee, Memphis, and the Department of Audiology and Speech Pathology of Memphis State University.

Kuehn, D.P. (1986). See abstracts.

Kuehn, D. P. (1986). Chairman, General Scientific Session III. New York: American Cleft Palate Association.

Kuehn, D. P. (1986). Pre-operative anatomical considerations. Fifth Annual Symposium-Workshop on the Rehabilitation of the Head and Neck Cancer Patient. Champaign, IL.

Kuehn, D. P. (1987a). See abstracts.

Kuehn, D. P. (1987b). See abstracts.

Kuehn, D. P. (1987). Program chair, 44th Anniversary Meeting of the American Cleft Palate Association, San Antonio.

Kuehn, D. P. (1987). Primary palatoplasty in relation to speech development. State of the Art Conference: Multidisciplinary Management of the Unilateral Cleft Lip and Palate. Iowa City.

Kuehn, D. P. (1987). Primary palatal surgery related to speech development in cleft palate infants. Department of Otolaryngology and Laboratory of Bio-Otology, Wayne State University, Detroit. Guest speaker.

Kuehn, D. P. (1987). Meet the candidates forum: Issues pertaining to the office of Vice President for Education and Scientific Affairs. American Speech-Language-Hearing Association, New Orleans.

Kuehn, D. P. (1988). General Session II. American Cleft Palate Association, Williamsburg, VA. Session chair.

Kuehn, D. P., & Trost-Cardamone, J. (1988). Speech development and the timing of primary palatoplasty. American Cleft Palate Association, Williamsburg, VA.

Kuehn, D. P. (1989). See abstracts.

Kuehn, D. P. (1989). Chair, General Session I. American Cleft Palate-Craniofacial Association, San Francisco.

Kuehn, D. P. (1990). See abstracts.

Kuehn, D. P. (1990). Meet the candidates forum: Issues pertaining to the office of Vice President for Research and Technology. American Speech-Language-Hearing Association, Seattle.

Kuehn, D. P. (1992). Chair, Sessions II and III, 1992 Conference on Speech Motor Control, Boulder, Colorado.

Kuehn, D. P. (1992). See abstracts.

Kuehn, D. P. (1993). CPAP therapy for treating patients with hypernasality. American Cleft Palate-Craniofacial Association, Pittsburgh.

Kuehn, D. P. (1993). Panel member, Management of cleft lip and palate: The next half century, Trends in clinical research methodology, Determining efficacy of a new treatment- CPAP therapy. American Cleft Palate-Craniofacial Association, Pittsburgh.

Kuehn, D.P. (1993). CPAP therapy. In-service presentation, Carle Foundation Hospital, Department of Otolaryngology, Division of Speech Pathology, Urbana, Illinois.

Kuehn, D.P. (1994). Current research in the area of cleft lip and palate. About Face: Cleft Lip and Palate Support Group, Champaign, Illinois.

Kuehn, D.P. (1994). Resistance Exercises Made Palatable. Kinesiology Faculty Colloquia, Department of Kinesiology, University of Illinois at Urbana-Champaign.

Kuehn, D.P. (1994). What are we really measuring in speech and voice signals?: The velopharyngeal mechanism. American Speech-Language-Hearing Association, New Orleans.

Kuehn, D.P. (1994). Imaging of the human velopharynx using MRI. Biomedical Magnetic Resonance Research and Technology: NIH Research Resource. NIH Site Visit for renewal application, Beckman Institute for Advanced Science and Technology, University of Illinois, Urbana.

Kuehn, D.P. (1995). Concurrent Specialty Session -Speech-Language Pathology. Session Chair. American Cleft Palate-Craniofacial Association, Tampa.

Kuehn, D.P. (1995). Key Outcome Measures in Cleft Lip and Palate: Speech. Preconference Symposium, American Cleft Palate-Craniofacial Association, Tampa.

Kuehn, D.P. (1995). Anatomy and non-respiratory functions of the velopharynx. American Thoracic Society/American Lung Association, Seattle.

Kuehn, D.P. (1995). Electrophysiologic Measures of the Communication Process. 5th Annual ASHA Research Conference. Conference Moderator. Orlando, FL.

Kuehn, D.P. (1996). Future Direction of Treatment Efficacy Research. Third Symposium on Treatment Research, Treatment Research in Communication Disorders Special Interest Group, Chicago.

Kuehn, D.P. (1996). Careers in Speech-Language Pathology, Audiology, and Speech, Language, and Hearing Science: Speech Science. Third Career Awareness Day, National Black Association for Speech-Language and Hearing, Milwaukee.

Kuehn, D.P. (1996). Research opportunities in collaborative clinical trials and future fund initiatives: NIDCD RFA for clinical trials. American Cleft Palate-Craniofacial Association, San Diego.

Moon, J.B. & Kuehn, D.P. (1996). Velopharyngeal muscles: fiber types, fatigue, and functional anatomy. Fourth Biennial Phonosurgery Symposium, Madison, Wisconsin.

Kuehn, D.P. (1996). Current activities of the ASHA Vice President for Research and Technology. 1996 Leadership in Service Delivery Conference, Chicago.

Kuehn, D.P. (1996). The Velopharynx: Laboratory and Clinical Research; Keynote Address. Third Annual Rocky Mountain Cleft Conference, Steamboat Springs, Colorado.

Kuehn, D.P. (1996). Treatment for hypernasality using continuous positive airway pressure. American Speech-Language-Hearing Association, Seattle.

Kuehn, D.P. (1996). Harnessing the Internet: Administrative empowerment, professional development, and more. Panel member: Electronic publishing. American Speech- Language-Hearing Association, Seattle.

Kuehn, D.P. (1996). Advances in Genetics for Communication Sciences and Disorders: Issues and Findings. 6th Annual ASHA Research Conference. Conference Moderator. Orlando, FL.

Kuehn, D.P. (1996). Team Protocols for Middle Ear Problems. 14th Annual Scientific Meeting, Illinois Association of Craniofacial Teams. Panel Moderator. Chicago.

Kuehn, D.P. (1997). CPAP Therapy for Hypernasality in Children. Illinois Speech-Language-Hearing Association, Arlington Heights.

Kuehn, D.P. (1997). Tongue anatomy and physiology in relation to Beckwith-Wiedemann syndrome and tongue reduction surgery. Carle Clinic, Inservice Speech-Language Pathology Workshop, Urbana, IL.

Kuehn, D.P. (1997). Current activities of the ASHA Vice President for Research and Technology. 1997 Leadership in Service Delivery Conference, Miami.

Kuehn, D.P. (1997). Velopharyngeal research: Anatomy and physiology. Osaka University Faculty of Dentistry, Osaka, Japan.

Kuehn, D.P. (1997). Velopharyngeal function and VPI management: Session chair. 8th International Congress on Cleft Palate and Related Craniofacial Anomalies, Singapore.

Kuehn, D.P. (1997). Submucous cleft palate, Robin sequence, and airway problems: Session chair. 8th International Congress on Cleft Palate and Related Craniofacial Anomalies, Singapore.

Kuehn, D.P. (1997). Anatomy and physiology: Making surgery and speech therapy work. 10th Annual Cleft and Craniofacial Symposium, Scottish Rite Children's Medical Center, Atlanta.

Kuehn, D.P. (1997). Constant positive nasal airway pressure for managing velopharyngeal insufficiency. 10th Annual Cleft and Craniofacial Symposium, Scottish Rite Children's Medical Center, Atlanta.

Riski, J.E. & Kuehn, D.P. (1997). Non-instrumental assessment of speech: Clinical and objective substitutes for computerized instruments. 10th Annual Cleft and Craniofacial Symposium, Scottish Rite Children's Medical Center, Atlanta.

Riski, J.E. & Kuehn, D.P. (1997). Techniques for nasendoscopy. 10th Annual Cleft and Craniofacial Symposium, Scottish Rite Children's Medical Center, Atlanta.

Logemann, J., Thompson, C., Baum, H., & Kuehn, D.P. (1997). See abstracts.

Kuehn, D.P. (1998). Velopharyngeal incompetency. Speech Pathology Seminar, Illinois State University, Department of Speech Pathology and Audiology, Normal, IL.

Kuehn, D.P. (1998). Velopharyngeal function: Recent applied and basic research findings. Southern Illinois University at Edwardsville, Department of Communicative Disorders, Edwardsville, IL.

Kuehn, D.P. (1998). McCristal Scholar Recipient for 1998 Lecture, Velar weight training: Increasing strength and endurance of speech musculature. College of Applied Life Studies, Fall Meeting, University of Illinois at Urbana-Champaign.

Kuehn, D.P. (1998). In service: CPAP therapy and related clinical and laboratory research. Alief Independent School District, Alief, Texas.

Kuehn, D.P. (1998). Short course and demonstration: Continuous Positive Airway Pressure. Washington Speech and Hearing Association, 1998 Convention, Spokane, Washington.

Kuehn, D.P. (1998). SPSHS-Special Education Doctoral Leadership Grant. Guest lecture: Development of grant funding from R03 to R01 to P01, University of Illinois at Urbana-Champaign, Champaign, Illinois.

Riski, J.E., D'Antonio, L., Kuehn, D.P., & O'Gara, M. (1998). See abstracts.

Kuehn, D.P. (1998). New Investigators Round Table, Invited senior investigator panel member. American Speech-Language-Hearing Association convention, San Antonio.

Kuehn, D.P. (1999). Government Grants. Faculty Funding Workshop, College of Applied Life studies, University of Illinois at Urbana-Champaign. Faculty panel member.

Kuehn, D.P. (1999). Magnetic resonance imaging of babies born with cleft palate. Keynote speaker. Psi Iota Xi, National Philanthropic Association, Central Illinois Chapter, Annual Business Meeting, Penfield, IL.

Kuehn, D.P. (1999). Laboratory research in velopharyngeal functioning. Keynote speaker. Sixteenth Annual South Carolina Symposium on Cleft Palate and Other Craniofacial Disorders, Columbia, SC.

Kuehn, D.P. (1999). The use of continuous positive airway pressure (CPAP) in the treatment of hypernasality. Sixteenth Annual South Carolina Symposium on Cleft Palate and Other Craniofacial Disorders, Columbia, SC.

Kuehn, D.P. (1999). Credentials for clinical practice in the United States. Division for Oral-Facial Disorders, Faculty of Dentistry, Osaka University, Osaka, Japan.

Kuehn, D.P. (1999). Velopharyngeal anatomy and physiology research. Division for Oral-Facial Disorders, Faculty of Dentistry, Osaka University, Osaka, Japan.

Kuehn, D.P. (1999). CPAP therapy for hypernasal speech. The 4th Asian Pacific Cleft Lip & Palate Conference, Fukuoka, Japan.

Kuehn, D.P. (1999). Velopharyngeal Function and Speech; Session Chair. The 4th Asian Pacific Cleft Lip & Palate Conference, Fukuoka, Japan.

Kuehn, D.P. (1999). Research in cleft palate. American Speech-Language-Hearing Association and National Institute of Dental and Craniofacial Research Information Exchange Symposium, ASHA National Office, Rockville, MD.

Kuehn, D.P. (1999). New investigators in the millennium round table: Special session, Invited senior investigator participant, American Speech-Language-Hearing Association, San Francisco.

Kuehn, D.P. (1999). Clinical outcomes research in SLP: Models for design & state of the science, Invited discussant, American Speech-Language-Hearing Association, San Francisco.

Kuehn, D.P. (1999). CPAP therapy for treating velopharyngeal impairment. 17th Annual IACT (Illinois Association of Craniofacial Teams) Scientific Meeting, Chicago.

Kuehn, D.P. (2000). Magnetic resonance imaging of individuals with cleft palate. Keynote speaker. Psi Iota Xi, National Philanthropic Association, Central Illinois Chapter, Annual Business Meeting, Arthur, IL.

Kuehn, D.P. (2000). Multicenter trial of CPAP. Invited delegate and speaker. International Collaborative Research on Craniofacial Anomalies, Geneva Switzerland.

Kuehn, D.P. (2001). Presion positiva continua en vias aereas para la insuficiencia velofaringea [Continuous positive airway pressure for the treatment of velopharyngeal inadequacy]. Hospital del Nino Dr. Rodolfo Nieto Padron, Villahermosa, Mexico. Keynote speaker.

Kuehn, D.P. (2001). Incidencia y manejo de los problemas del habla en pacientes con paladar hendido [Incidence and management of speech disorders in patients with cleft palate]. Hospital del Nino Dr. Rodolfo Nieto Padron, Villahermosa, Mexico. Keynote speaker.

Kuehn, D.P. (2001). Alimentacion en lactantes con labio y paladar hendido [Feeding issues in infants with cleft lip and palate]. Hospital del Nino Dr. Rodolfo Nieto Padron, Villahermosa, Mexico. Keynote speaker.

Kuehn, D.P. (2001). Status report on magnetic resonance imaging of individuals with cleft palate. Psi Iota Xi, National Philanthropic Association, Central Illinois Chapter, Annual Business Meeting, Sullivan, IL. Keynote speaker.

Kuehn, D.P. (2001). Technology Panel. The Use of MRI in Cleft Palate Imaging. American Cleft Palate-Craniofacial Association, Minneapolis. Panel member.

Kuehn, D., Riski, J., Karnell, M., Henningson, G., Sell, D., Trost-Cardamone, J., & Peterson-Falzone, S. (2001). Evaluation of VPI treatment. 9th International Congress on Cleft Palate and Related Craniofacial Anomalies, Gothenburg, Sweden. Symposium coordinator and panel member.

Kuehn, D.P. (2002). Which Cleft Protocol is Best: Multicenter Perspectives. American Cleft Palate-Craniofacial Association Post-Conference Symposium, Seattle, WA. Symposium Co-Chair.

Kuehn, D.P. (2002). The World Health Organization. Which Cleft Protocol is Best: Multicenter Perspectives. American Cleft Palate-Craniofacial Association Post-Conference Symposium. Seattle, WA.

Kuehn, D.P. & Tian, W. (2002). Clinical evaluation of VP function: Instrumental assessment. The First Smile Train Symposium on Principles of Speech-Language Pathology for Children with Cleft Lip and Palate. Affiliated Hospital of Qingdao University Medical College, Qingdao, Shandong, China.

Kuehn, D.P. & Tian, W. (2002). Instrumental methods for treating VP dysfunction. The First Smile Train Symposium on Principles of Speech-Language Pathology for Children with Cleft Lip and Palate. Affiliated Hospital of Qingdao University Medical College, Qingdao, Shandong, China.

Kuehn, D.P. & Trost-Cardamone, J.E. (2002). Development of a system for reporting universal speech parameters: Short Course. 2nd World Cleft Congress, International Cleft Lip and Palate Foundation, Munich, Germany.

Kuehn, D.P. (2002). Diagnostics 1, Session Chair. 2nd World Cleft Congress, International Cleft Lip and Palate Foundation, Munich, Germany.

Kuehn, D.P. (2002). Speech evaluation and treatment for individuals born with cleft lip and palate. IX International Mission, Dr. Luis Razetti University Hospital, Barcelona, Venezuela.

Kuehn, D.P. (2003). MR Imaging of Oropharyngeal Muscles Important for Speech and Swallowing. Invited lecture, PSYCH 493 GM, University of Illinois at Urbana-Champaign.

Kuehn, D.P. (2003). How speech is produced. Science of Sound Weekend Wizard, Orpheum Children's Science Museum, Champaign, IL.

Kuehn, D.P. (2003). Research findings in velopharyngeal anatomy and physiology. Japanese Cleft Palate Association, Osaka, 2003. Keynote lecture.

Kuehn, D.P. (2003). Universal parameters for reporting speech measures in individuals with cleft palate. Japanese Cleft Palate Association, Osaka, 2003. Study session.

Kuehn, D.P. (2003). Forum on randomized clinical trials. Lecture topic: speech research. Japanese Cleft Palate Association, Osaka, 2003. Panel member.

Kuehn, D.P. (2003). Magnetic resonance imaging of children with cleft palate: An update, National long-term project, Psi Iota Xi Annual Meeting. Indianapolis, IN.

Kuehn, D.P. (2003). MRI in the study of velopharyngeal anatomy and physiology. The 5th Asian Pacific Cleft Lip and Palate Conference. Seoul, Korea.

Kuehn, D.P. (2003). Development of a set of universal speech parameters for cleft palate. The 5th Asian Pacific Cleft Lip and Palate Conference. Seoul, Korea.

Kuehn, D.P. (2003). Evaluation of velopharyngeal function. Session Chair. The 5th Asian Pacific Cleft Lip and Palate Conference. Seoul, Korea.

Kuehn, D.P. & Perry, J. (2004). Stereoscopic imaging in medical sciences. Teaching and Learning with Technology Brown Bag Series, CITES Educational Technologies, University of Illinois at Urbana-Champaign.

Perry, J. & Kuehn, D. (2004). Stereoscopic imaging in medical sciences. Proseminar, Department of Speech and Hearing Science, University of Illinois at Urbana-Champaign.

Kuehn, D. (2004). Continuous positive airway pressure in the treatment of hypernasality. In service tutorial. Memorial Hospital, Springfield, IL.

Kuehn, D. (2004). Speech considerations for non speech pathologists; Meet the experts lecturer. 3rd Biennial World Congress: International Cleft Lip & Palate Foundation. Halifax, Nova Scotia.

Kuehn, D. (2004). The cleft alveolus. Symposium moderator. 3rd Biennial World Congress: International Cleft Lip & Palate Foundation. Halifax, Nova Scotia.

Kuehn, D. (2004). Magnetic resonance imaging of the tongue and velopharynx. Department of Speech Pathology and Audiology Alumni Reunion with Scholarly Presentations, University of Iowa, Iowa City.

Kuehn, D., Jones, D., Golding-Kushner, K.J., & Smith, B. (2004). Velopharyngeal anatomy and physiology: effects on speech and resonance. Short course. American Speech-Language-Hearing Association, Philadelphia.

Kuehn, D. (2004). Evaluation and management of velopharyngeal dysfunction: a surgical perspective. Session chair. American Speech-Language-Hearing Association, Philadelphia.

Tsao, J & Kuehn, D. (2004). MRI applications in speech research. Seminar. American Speech-Language-Hearing Association, Philadelphia.

Kuehn, D. (2004). Anatomy and physiology of the velopharyngeal region for speech purposes. Symposium on Speech, Orthodontic, and Team Management of Patients with Cleft Lip and Palate. Hazrat Fatemeh Hospital, Tehran, Iran.

Kuehn, D. (2004). Diagnostic methods in the evaluation of speech in individuals with cleft palate. Symposium on Speech, Orthodontic, and Team Management of Patients with Cleft Lip and Palate. Hazrat Fatemeh Hospital, Tehran, Iran.

Kuehn, D. (2004). Treatment procedures for speech disorders in individuals with cleft palate. Symposium on Speech, Orthodontic, and Team Management of Patients with Cleft Lip and Palate. Hazrat Fatemeh Hospital, Tehran, Iran.

Kuehn, D., Perry, J., & Langlois, R. (2005). Compass as an aid in classroom technology. College of Applied Life Studies Teaching Academy, University of Illinois at Urbana-Champaign.

Tian, W. & Kuehn, D. (2005). Muscle architecture and structural model of the human tongue. Imaging Technology Group (ITG) Forum. University of Illinois at Urbana-Champaign.

Kuehn, D.P. (2005). Cleft Lip/Palate and Velopharyngeal Dysfunction: Effects on Speech and Resonance. Cincinnati Children's Hospital Medical Center. Lecture topics: (1) Normal anatomy of the oral cavity and velopharyngeal mechanism, (2) Types of clefts of the lip and palate, (3) Embryologic development in relation to types of clefts. Cincinnati, OH.

Kuehn, D.P. (2005). Magnetic resonance imaging of children with cleft palate: An update, National long-term project, Psi Iota Xi Annual Meeting. Indianapolis, IN.

Kuehn, D., Perry, J., & Shinagawa, H. (2005). Dynamic magnetic resonance imaging and rendering of the velopharyngeal musculature during speech production. Proseminar, Department of Speech and Hearing Science, University of Illinois at Urbana-Champaign.

Kuehn, D. (2005). Magnetic resonance imaging in speech and cleft palate research. 10th International Congress on Cleft Palate and Related Craniofacial Anomalies. Durban, South Africa. Keynote speaker.

Kuehn, D., Trost-Cardamone, J., Sweeney, T., Henningsson, G., & Sell, D. (2005). Issues in universal reporting parameters for speech-Part I. 10th International Congress on Cleft Palate and Related Craniofacial Anomalies. Durban, South Africa.

Trost-Cardamone, J., Sell, D., Sweeney, T., Kuehn, D., & Henningsson, G. (2005). Issues in universal reporting parameters for speech-Part II. 10th International Congress on Cleft Palate and Related Craniofacial Anomalies. Durban, South Africa.

Kuehn, D. (2005). Therapy in developing contexts. Session co-chair. 10th International Congress on Cleft Palate and Related Craniofacial Anomalies. Durban, South Africa.

Perry, J.L. & Kuehn, D.P. (2005). 3D computer reconstruction of the velopharyngeal mechanism. Imaging Technology Group Forum, Beckman Institute, University of Illinois at Urbana-Champaign.

Kuehn, D.P. (2005). MRI in the assessment of velopharyngeal structures. 18th Annual Cleft Lip and Palate Symposium, Children's Health Care of Atlanta. Atlanta, GA.

Kuehn, D.P. (2005). Use of CPAP for the treatment of hypernasal speech. 18th Annual Cleft Lip and Palate Symposium, Children's Health Care of Atlanta. Atlanta, GA.

Riski, J.E., Mason, R.M. & Kuehn, D.P. (2005). Speech treatment panel. 18th Annual Cleft Lip and Palate Symposium, Children's Health Care of Atlanta. Atlanta, GA.

Kuehn, D.P. (2005). State of the art of cleft lip and palate management in the United States. Graduate Program Annual Meeting, Hospital for Rehabilitation of Craniofacial Anomalies, University of Sao Paulo, Bauru, Sao Paulo, Brazil. Keynote speaker.

Kuehn, D.P. (2006). International conference on treatment of speech disorders in individuals with cleft lip and palate. Hosted by Loma Linda University via videoconference to Sri Ramachandra Medical College and Research Institute Deemed University, Chennai, India. Lecture topics: (1) Clinical anatomy of the velopharynx and (2) Therapy principles for treating velopharyngeal dysfunction. Loma Linda, CA.

Kuehn, D.P. (2006). Prioritizing a Research Agenda for Orofacial Clefts, Invited Participant. National Center on Birth Defects and Developmental Disabilities, Centers for Disease Control and Prevention (CDC), Department of Health and Human Services. Atlanta, GA.

Kuehn, D.P. (2006). Speech management in individuals born with cleft palate. Hospital de Nino's Leon Becerra, Guayaquil, Ecuador.

Kuehn, D. (2006). Speech Surgery – Part II, Session Co-Chair. American Cleft Palate-Craniofacial Association, Vancouver, BC, Canada.

Kuehn, D.P. (2006). Speech management in individuals born with cleft palate. Hospital Nacional Nor-Occidental, San Pedro Sula, Honduras.

Kuehn, D.P. (2006). How can I publish my work? PhD Brown Bag Luncheon Lecture Series. Department of Speech and Hearing Science, University of Illinois at Urbana-Champaign.

Kuehn, D., Perry, J., Goldwasser, M., & Sutton, B. (2007). Computer modeling and MRI in the characterization and treatment of cleft palate. Bench to Bedside Seminar Series, Carle Clinic, Urbana, IL.

Kuehn, D.P. (2007). MRI speech research. Siemens Collaboration Visit, Beckman Institute for Advanced Science and Technology, University of Illinois at Urbana-Champaign.

Kuehn, D.P. (2007). Cleft lip and palate surgical missions to developing countries. 50th Anniversary Conference, Department of Speech Pathology and Audiology, University of Iowa, Iowa City.

Kuehn, D.P. (2007). Cleft palate and MRI research: Long term funded project. Psi Iota Xi 104th National Convention. Fort Wayne, IN.

Kuehn, D.P. (2007). Several lectures in English, translated into Spanish: Embriologia y anatomia del labio y paladar hendido (Embryology and anatomy of the cleft lip and palate); Tecnicas de valoracion radiological en pacientes con labio y paladar hendido (Imaging techniques in cleft lip and palate); Diagnostico de lenguaje y tratamiento de pac con labio y paladar hendido (Speech diagnostics and treatment for individuals born with a cleft lip and palate); Los efectos de las anomalías oro-faríngeas en el desarrollo del lenguaje (The effects of oro-pharyngeal abnormalities on speech development); Parametros universals para la emision de fonemas en pacientes con labio y paladar hendido (Universal parameters for reporting speech outcomes in individuals born with cleft palate). 1er. Seminario Internacional: Topicos Especiales en el Manejo del Paciente con labio y paladar hendido, Hospital del Nino: Dr. Rodolfo Nieto Padron, Villahermosa, Tabasco, Mexico.

Kuehn, D.P. (2007). Universal speech parameters for cleft lip and palate. Americleft Organizational Meeting. St. Vincent Hospital, Indianapolis, IN.

Kuehn, D.P. (2007). Cleft lip and palate surgical missions in developing countries. Parish Bible class. Trinity Lutheran Church, Urbana, IL.

Kuehn, D.P. (2008). Several lectures in English: General Aspects of Cleft Lip and Palate Management; Velopharyngeal Anatomy and Physiology; Assessment and Diagnosis of Cleft

Palate Speech Disorders; Universal Parameters of Cleft Palate Speech; Treatment of Cleft Palate Speech Disorders; Magnetic Resonance Imaging: Techniques and Practice. School of Rehabilitation Sciences and Alzahra Hospital, Isfahan University of Medical Sciences, Isfahan, Iran.

Kuehn, D.P. (2008). Cleft palate and MRI research: Long term funded project. Psi Iota Xi 105th National Convention. Evansville, IN.

Kuehn, D.P. (2008). Illini Summer Academy 2008. Sponsored by University of Illinois Extension 4-H Youth Development. Lecture topic: Speech anatomy/physiology and cleft palate. Department of Speech and Hearing Science and College of Applied Health Sciences representative.

Kuehn, D.P. (2008). Basic speech assessment. 5th Congress of the International Cleft Lip and Palate Foundation, Dallas-Fort Worth, TX.

Kuehn, D.P. (2008). Magnetic resonance imaging and computer reconstruction of the velopharyngeal mechanism. 5th Congress of the International Cleft Lip and Palate Foundation, Dallas-Fort Worth, TX.

Kuehn, D.P. & Peterson-Falzone, S. (2008). Basic speech course. 5th Congress of the International Cleft Lip and Palate Foundation, Dallas-Fort Worth, TX.

Kuehn, D.P. & Berkowitz, S. (2008). General Session: Cleft Palate Repair: Timing-Secondary Evaluation. Moderator. 5th Congress of the International Cleft Lip and Palate Foundation, Dallas-Fort Worth, TX.

Peterson-Falzone, S., & Kuehn, D.P. (2008). Panel Session: Surgery Speech and Other Topics. Moderator. 5th Congress of the International Cleft Lip and Palate Foundation, Dallas-Fort Worth, TX.

Shaw, W., Semb, G., Kuehn, D.P., & Hathaway, R. (2008). Eurocleft-Americleft Experience; short course. 5th Congress of the International Cleft Lip and Palate Foundation, Dallas-Fort Worth, TX.

Kuehn, D. P. (2009). Reflections on mounting a research career. Pro-seminar in Speech and Hearing Science, University of Illinois at Urbana-Champaign.

Kuehn, D. P. (2009). Cleft palate management in Kenya: An exploratory trip to Eldoret. Pro-seminar in Speech and Hearing Science, University of Illinois at Urbana-Champaign.

Kuehn, D.P. (2009). Cleft lip and palate missions in developing countries. Osher Lifelong Learning Institute (OLLI), University of Illinois at Urbana-Champaign.

Kuehn, D.P. (2010). Advances in the imaging of the Velopharyngeal structures. 21st Cleft Lip and Palate Symposium, Children's Health Care of Atlanta, Atlanta, GA.

Kuehn, D.P. (2011). Cleft lip and palate surgical missions to developing countries. Operation Smile Student Organization, UIUC Chapter. Urbana, IL.

Other Presentations:

Kuehn, D. P. (1971). See abstracts.

Kuehn, D. P. (1973). A cinefluorographic investigation of articulatory velocities. Detroit: American Association of Phonetic Sciences.

Van Demark, D. R., Kuehn, D. P., & Tharp, R. F. (1973). Prediction of velopharyngeal competency. Boston: American Cleft Palate Association.

Zimmerman, G., Knott, J. R., Mendel, M., & Kuehn, D. P. (1974). Timing of averaged movement potentials and articulatory events: An electroencephalographic, electromyographic and cineradiographic study. Seattle: American EEG Society.

Kuehn, D. P. & Tomblin, J. B. (1974). See abstracts.

Zimmermann, G.N., Knott, J.R., & Kuehn, D.P. (1974). See abstracts.

Kuehn, D. P. (1975). A cineradiographic investigation of velar movement variables among normals. New Orleans: American Cleft Palate Association.

Azzam, N.A. & Kuehn, D.P. (1975). The anatomy and physiology of the velopharyngeal mechanism. Iowa City: The University of Iowa, College of Medicine Research Day.

Kuehn, D. P. & Tomblin, J.B. (1975). See abstracts.

Kuehn, D. P. (1975). See abstracts.

Kuehn, D. P., & Azzam, N. A. (1976). The morphology of musculus uvulae. San Francisco: American Cleft Palate Association.

Kuehn, D. P., & Azzam, N. A. (1976). Velopharyngeal anatomy and physiology. Iowa City: The University of Iowa, College of Medicine Research Day.

Kuehn, D. P. (1976). Cineradiographic techniques in speech research. Stockholm, Sweden: Stockholm University, Department of Phonetics.

Kuehn, D. P. (1976). A cineradiographic study of articulatory velocities. Stockholm, Sweden: Stockholm University, Department of Phonetics.

Kuehn, D. P. & Azzam, N. A. (1977). See abstracts.

Kuehn, D. P., Lubker, J. F., & Fritzell, B. (1977). An electromyographic study of levator veli palatini and palatoglossus muscle activity in ten-year-old cleft palate children. Stockholm, Sweden: Royal Institute of Technology, Speech Transmission Laboratory, Stockholm University, Department of Phonetics.

Kuehn, D. P. & Azzam, N. A. (1977). The morphology of palatoglossus. Iowa City: The University of Iowa, College of Medicine Research Day.

Kuehn, D. P., Lubker, J. F., & Fritzell, B. (1977). See abstracts.

Kuehn, D. P., VanDemark, D. R., & Oakes, R. M. (1977). See abstracts.

Kuehn, D. P. (1978). See abstracts.

Kuehn, D. P. (1978). Velopharyngeal anatomy and physiology: An update. Omaha: Boys Town Institute for Communication Disorders in Children.

Kuehn, D. P. (1978). Velopharyngeal anatomy and physiology: An update. Toronto: University of Toronto, Faculty Seminar.

Kuehn, D. P. (1978). Velopharyngeal anatomy and physiology: An update. DeKalb, IL: Northern Illinois University, public lecture and student seminar.

Seaver, E.J. & Kuehn, D.P. (1979). A cinefluorographic and electromyographic investigation of velar positioning in all-oral speech. San Diego: American Cleft Palate Association.

Seaver, E.J. & Kuehn, D.P. (1979). See abstracts.

Van Demark, D. R., & Kuehn, D. P. (1979). Retrospective analysis of radiographic information in predicting secondary management of subjects with cleft palate. San Diego: American Cleft Palate Association.

Kuehn, D. P., Dalston, R. M., Trier, W. C., Warren, D. W., & Ewanowski, S. J. (1980). See abstracts.

Kuehn, D. P., Folkins, J. F., & Cutting, C. B. (1980). An electromyographic- radiographic study of static velar position. Lancaster, PA: American Cleft Palate Association.

Kuehn, D. P., Frederick, P. J., & Maynard, J. A. (1981). See abstracts.

Mirrett, P., Weatherley-White, R. C. A., & Kuehn, D. P. (1984). Advancements in the management of newborn cleft lip and palate. Copper Mountain, CO: Colorado Speech-Language-Hearing Association.

Kuehn, D. P., Folkins, J. W., & Linville, R. N. (1984). An electromyographic-cineradiographic study of the musculus uvulae. Seattle: American Cleft Palate Association.

Weatherley-White, R. C. A., Battaglia, J., Weatherley-White, C., & Kuehn, D.P. (1985). Early vs. late cleft lip repair: A computer analysis of the first 100 cases. Miami: American Cleft Palate Association.

Weatherley-White, R. C. A., Kuehn, D. P., & Mirrett, P. L. (1985). The effects of immediate breast feeding on cleft lip repair. Miami: American Cleft Palate Association.

Weatherley-White, R. C. A., & Kuehn, D. P. (1985). The effects of immediate breast feeding on cleft lip repair. Monte Carlo, Monaco: Fifth International Congress on Cleft Palate and Related Cranio-facial Anomalies.

Kuehn, D. P., & Trost-Cardamone, J. (1986). Study session: Phonologic development in children with cleft palate. New York: American Cleft Palate Association.

Kuehn, D. P. & Kahane, J. C. (1986). See abstracts.

Kuehn, D. P. (1986). Panel member: Improving our teaching in craniofacial speech pathology. New York: American Cleft Palate Association.

Kuehn, D. P., & Kahane, J. C. (1987). Histologic study of the normal soft palate (poster). San Antonio: American Cleft Palate Association.

Kuehn, D. P. (1988). Speech development and the timing of primary cleft palate surgery. Child Phonology Conference, University of Illinois at Urbana-Champaign.

Salas-Provance, M. B. & Kuehn, D. P. (1989). See abstracts.

Kuehn, D. P. & Osterling, A. M. (1989). See abstracts.

Salas-Provance, M. B. & Kuehn, D. P. (1989). Postsurgical outcome of uvulopalatopharyngoplasty. American Cleft Palate-Craniofacial Association, San Francisco.

Salas-Provance, M. B. & Kuehn, D. P. (1990). Acoustic-phonetic analysis of prespeech vocalizations in babies with cleft palate. Illinois Speech-Language-Hearing Association, Chicago.

Salas-Provance, M. B., Kuehn, D. P., & Marsh, J. L. (1990). Acoustic-phonetic analysis of the prespeech vocalizations of 13-month-old children with cleft palate. American Cleft Palate-Craniofacial Association, St. Louis.

Kuehn, D. P. & Osterling, A. M. (1990). CPAP: New therapy technique for treating hypernasal speech. American Cleft Palate-Craniofacial Association, St. Louis.

Kuehn, D. P., Hilchie, C. & Ettema, S. (1990). A PC-based true-color image analysis system for analyzing human tissue; Scientific Exhibit. CompuFair '90, University of Illinois, Champaign.

Salas-Provance, M. B. & Kuehn, D. P. (1990). See abstracts.

Liss, J. M. & Kuehn, D. P. (1990). See abstracts.

Kemp-Fincham, S.I. & Kuehn, D.P. (1991). Oral sensory receptors and speech motor control. Midwest Neurobiologists Annual Meeting. Allerton Conference Center, Monticello, IL.

Kuehn, D.P. & Wachtel, J. (1991). Continuous positive airway pressure therapy. Illinois Association of Craniofacial Teams, Chicago.

Kuehn, D.P., Ettema, S.L., & Barsoumian, R. (1991). A PC-based true-color image analysis system for analyzing human tissue; Scientific Exhibit. CompuFair '91, University of Illinois at Urbana-Champaign.

Kahn, G. et al. (1991). See abstracts.

Kuehn, D.P. (1991). See abstracts.

Kuehn, D.P., Moon, J.B. & Folkins, J.W. (1992). Levator veli palatini muscle activity in relation to intranasal air pressure variation. National Center for Voice and Speech Annual Conference, Iowa City, Iowa.

Ettema, S.L. & Kuehn, D.P. (1992). A quantitative histologic study of the normal human adult soft palate. National Center for Voice and Speech Annual Conference, Iowa City, Iowa.

Kuehn, D.P., Moon, J.B. & Folkins, J.W. (1992). Levator veli palatini muscle activity in relation to intranasal air pressure variation. Conference on Speech Motor Control, Boulder, Colorado.

Kuehn, D.P., Moon, J.B. & Folkins, J.W. (1992). Levator veli palatini muscle activity in relation to intranasal air pressure variation. American Cleft Palate-Craniofacial Association, Portland.

Kuehn, D.P., Moon, J.B., & Folkins, J.W. (1992). See abstracts.

Ettema, S.L. & Kuehn, D.P. (1992). See abstracts.

Kuehn, D.P. & Moon, J.B. (1993). Levator veli palatini muscle activity in relation to intraoral air pressure variation. National Center for Voice and Speech, Annual Conference, Iowa City, Iowa.

Kuehn, D.P. & Moon, J.B. (1993). Measuring velopharyngeal closing force. American Cleft Palate-Craniofacial Association, Pittsburgh.

Kuehn, D.P. & Moon, J.B. (1993). Levator veli palatini muscle activity in relation to intraoral air pressure variation. American Cleft Palate-Craniofacial Association, Pittsburgh.

Kuehn, D.P. (1993). See abstracts.

Kuehn, D.P. & Moon, J.B. (1993). See abstracts.

- Moon, J.B. & Kuehn, D.P. (1994). Effects of cleft palate on relative levels of levator veli palatini activity during speech. Seventh Biennial Conference on Motor Speech. Sedona, Arizona.
- Wurster, A., Guyette, T.W., & Kuehn, D.P. (1994). Treatment of velopharyngeal inadequacy through muscle training: A case study. Illinois Speech-Language-Hearing Association, Chicago.
- Kuehn, D.P. & Moon, J.B. (1994). Levator veli palatini muscle activity in relation to intraoral air pressure variation in cleft palate subjects. American Cleft Palate-Craniofacial Association, Toronto.
- Moon, J.B., Kuehn, D.P., & Huisman, J. (1994). Measurement of velar contact pressure during vowel production. American Cleft Palate-Craniofacial Association, Toronto.
- Miller-Wachtel, J. & Kuehn, D.P. (1994). Case Report: Velopharyngeal incompetency following tonsillectomy. Illinois Association of Craniofacial Teams, Difficult Cases Workshop, Chicago.
- Moon, J.B. & Kuehn, D.P. (1995). Velar closure forces associated with speech production. American Cleft Palate-Craniofacial Association, Tampa.
- Wachtel, J.M. & Kuehn, D.P. (1995). See abstracts.
- Moon, J.B. & Kuehn, D.P. (1995). See abstracts.
- Kuehn, D.P. (1996). Continuous positive airway pressure (CPAP) in the treatment of hypernasality. Fourth International Conference on Spoken Language Processing, Philadelphia, PA.
- Ettema, S.L. & Kuehn, D.P. (1996). CAVE and CRUMBS: Virtual reality in speech anatomy research. American Speech-Language-Hearing Association, Seattle.
- Kuehn, D.P. (1996). Town Meeting for Scientists and Researchers, Coordinator and Moderator. American Speech-Language-Hearing Association, Seattle.
- Barsoumian, R., Kuehn, D.P., Moon, J.B., & Canady, J.W. (1997). An anatomic study of the tensor veli palatini and dilatator tubae muscles in relation to Eustachian tube and velar function. American Cleft Palate-Craniofacial Association, New Orleans.
- Kuehn, D.P. & Moon, J.B. (1997). Induced fatigue effects on velopharyngeal closure force and levator veli palatini muscle activity. American Cleft Palate-Craniofacial Association, New Orleans.
- Barsoumian, R., Kuehn, D.P., & Cassell, M.D. (1997). An anatomic study of the dilatator tubae and palatoglossus muscles in relation to Eustachian tube function. American Cleft Palate-Craniofacial Association, New Orleans.

Tomes, L., Kuehn, D.P., Imrey, P., Jones, D., O'Gara, M., Seaver, E., Smith, B., VanDemark, D., & Wachtel, J., (1997). Hypernasality severity levels using prerecorded speech samples. American Cleft Palate-Craniofacial Association, New Orleans.

Kuehn, D.P., Wachtel, J., & Goldwasser, M. (1997). Tongue reduction surgery in a two-year-old child with Beckwith-Wiedemann syndrome. Illinois Association of Craniofacial Teams, Difficult Case Conference, Chicago.

Kuehn, D.P. (1997). ASHA's Town Meeting for Scientists and Researchers, Coordinator and Moderator. Northwestern University, Evanston, IL.

Kuehn, D.P. (1997). Soft palate function in normal speakers. National Center for Voice and Speech, Annual Conference, Iowa City, IA.

Kuehn, D.P. (1997). Continuous positive airway pressure (CPAP) in the treatment of hypernasality. 8th International Congress on Cleft Palate and Related Craniofacial Anomalies, Singapore.

Ettema, S.L., Perlman, A.L., Kuehn, D.P., & Alperin, N. (1997). Magnetic resonance imaging of the levator veli palatini muscle during swallowing. Dysphagia Research Society Scientific Meeting, Toronto.

Pascarella, A. & Kuehn, D.P. (1997). Treatment efficacy research in communication disorders. Proseminar, Department of Speech and Hearing Science, University of Illinois at Urbana-Champaign.

Kuehn, D.P. (1997). Town Meeting for Scientists and Researchers, Coordinator and Moderator. American Speech-Language-Hearing Association, Boston.

Barsoumian, R., Kuehn, D.P., Moon, J.B., & Canady, J.W. (1997). See abstracts.

Kuehn, D.P. & Moon, J.B. (1997). See abstracts.

Kuehn, D.P. (1998). A sample database of treatment efficacy research in communication disorders. 1998 Treatment Efficacy Conference, Vanderbilt University, Nashville.

Ettema, S.L., Kuehn, D.P., Perlman, A.L., & Alperin, N. (1998). Magnetic resonance imaging of the levator veli palatini muscle during speech. American Cleft Palate-Craniofacial Association, Baltimore.

Moon, J. & Kuehn, D.P. (1998). Induced velopharyngeal fatigue effects in speakers with repaired palatal clefts. American Cleft Palate-Craniofacial Association, Baltimore.

Moon, J. & Kuehn, D.P. (1998). Velopharyngeal closure forces associated with varying phonetic contexts produced by speakers with repaired palatal clefts. American Cleft Palate-Craniofacial Association, Baltimore.

Kuehn, D.P. (1998). MRI measurement of the levator veli palatini muscle. National Center for Voice and Speech Meeting, Madison, WI.

Ettema, S.L., Kuehn, D.P., Perlman, A.L., & Alperin, N. (1998). See abstracts.

Ettema, S.L., Kuehn, D.P., Perlman, A.L., & Alperin, N. (1998). Magnetic resonance imaging of the levator veli palatini muscle during speech and swallowing. Sixth Annual Medical Scholars Research Symposium, Champaign, IL.

Kuehn, D.P., Moon, J.B., & Thompson, S.A. (1999). Histologic investigation of velar midline structures in normal adult human specimens. American Cleft Palate-Craniofacial Association, Scottsdale, AZ.

Tachimura, T., Nohara, K., Wada, T., & Kuehn, D.P. (1999). Clinical significance of reserve capacity of levator veli palatini muscle activity to identify quality of velopharyngeal function. American Cleft Palate-Craniofacial Association, Scottsdale, AZ.

Bogschutz, R.J., Moon, J. B. & Kuehn, D.P. (1999). Muscle coordination, timing, and force of velopharyngeal closure during wet and dry swallows. American Cleft Palate-Craniofacial Association, Scottsdale, AZ.

Kuehn, D.P., Ettema, S.L., Goldwasser, M.S., Barkmeier, J.C., Wachtel, J.M. (1999). Magnetic Resonance Imaging of Subjects with Occult Submucous Cleft Palate. Zeugmatography and Beyond: A Special Tribute to Professor Paul C. Lauterbur on the Occasion of His 70th Birthday. University of Illinois, Urbana, IL.

Kuehn, D.P. (1999). Collaborative Research Project: MR imaging of patients with cleft palate. NIH Research Resource Advisory Committee Meeting. Biomedical Magnetic Resonance Laboratory, University of Illinois, Champaign.

Kuehn, D.P. (1999). Cleft palate research. Proseminar, Department of Speech and Hearing Science, University of Illinois at Urbana-Champaign.

Kuehn, D.P. (2000). Efficacy of continuous positive airway pressure (CPAP) in the treatment of hypernasality. Treatment Efficacy Conference 2000, Vanderbilt University, Nashville, TN.

Kuehn, D.P., Ettema, S.L., Goldwasser, M.S., Barkmeier, J.C., & Wachtel, J.M. (2000). Magnetic resonance imaging of subjects with occult submucous cleft palate. American Cleft Palate-Craniofacial Association, Atlanta, GA.

Kuehn, D.P., Imrey, P.B., Tomes, L., Jones, D.L., O'Gara, M.M., Seaver, E.J., Smith, B.E., Van Demark, D.R., & Wachtel, J.M. (2000). Efficacy of continuous positive airway pressure (CPAP) in the treatment of hypernasality. American Cleft Palate-Craniofacial Association, Atlanta, GA.

Tachimura, T., Nohara, K., Fujita, Y., Hara, H., Wada, T., & Kuehn, D.P. (2000). Evaluation of fatigability of the levator veli palatini muscle using power spectra analysis. American Cleft Palate-Craniofacial Association, Atlanta, GA.

Ray, R.L., Kuehn, D.P., Ettema, S.L., & Barkmeier, J.C. (2000). Effects of supine versus upright posture on velum and tongue positioning during speech. American Speech-Language-Hearing Association, Washington, D.C.

Seaver, E.J., Dalston, R.M., & Kuehn, D.P. (2000). Assessment and treatment of velopharyngeal function: Decisions without instrumentation. American Speech-Language-Hearing Association, Washington, D.C.

Warren, L.S. & Kuehn, D.P. (2000). Speech and swallowing benefits following CPAP therapy. American Speech-Language-Hearing Association, Washington, D.C.

Tachimura, T., Nohara, K., Fujita, Y., Hara, H., Wada, T., & Kuehn, D. (2001). Relationship between fatigability and reserve capacity of the levator veli palatini muscle for speakers with a speech prosthesis. American Cleft Palate-Craniofacial Association, Minneapolis, MN.

Kuehn, D.P., Ray, R.L., Ettema, S.L., & Barkmeier, J.C. (2001). The effects of supine versus upright posture on velum and tongue positioning during speech. American Cleft Palate-Craniofacial Association, Minneapolis, MN.

Kuehn, D.P., Moon, J.B., Canady, J.W., Bolinger, L., & Cook-Granroth, J. (2001). Assessment of velopharyngeal musculature using 3D MRI acquisition and reformatting software analysis. American Cleft Palate-Craniofacial Association, Minneapolis, MN.

Kuehn, D.P. & Moon, J.B. (2001). Histologic study of intra-velar structures in normal human adult specimens. 9th International Congress on Cleft Palate and Related Craniofacial Anomalies, Gothenburg, Sweden.

Kuehn, D.P., Moon, J.B., Canady, J.W., Bolinger, L., & Cook-Granroth, J. (2001). Assessment of velopharyngeal musculature using 3D MRI acquisition and reformatting software analysis. 9th International Congress on Cleft Palate and Related Craniofacial Anomalies, Gothenburg, Sweden.

Kuehn, D.P. (2002). Cleft palate speech working group. Funded by a grant from Smile Train. St. Louis, MO. Meeting Co-Chair.

Kuehn, D.P., Trost-Cardamone, J.E., & Sell, D. (2002). Issues in universal reporting parameters for speech; Study Session. American Cleft Palate-Craniofacial Association, Seattle, WA.

- Tachimura, T., Ojima, Nohara, Wada, Kuehn, D.P. (2002). Change in electromyographic activity of the palatoglossus muscle in association with placement of a palatal lift prosthesis. American Cleft Palate-Craniofacial Association, Seattle, WA.
- Punjabi, A.P., Holshouser, B. A., D'Antonio, L.L., & Kuehn, D.P. (2002). Magnetic resonance imaging of the velopharynx in patients with velocardiofacial syndrome. American Cleft Palate-Craniofacial Association, Seattle, WA.
- Kuehn, D.P., Moon, J.B., Canady, J.W., Reinhardt, J., & Bolinger, L. (2002). Assessment of velopharyngeal musculature using 3D MRI. 2nd World Cleft Congress, Munich, Germany.
- Tachimura, T., Fujita, Y., Kuehn, D.P., Nohara, K., & Wada, T. (2003). Effect of difference in the elevated velum level on change in levator veli palatini muscle activity in association with placement of a palatal lift. American Cleft Palate-Craniofacial Association, Asheville, NC.
- Nohara, K, Tachimura, T., Wada, T, & Kuehn, D.P. (2003). Prediction of deterioration of velopharyngeal function in association with maxillary advancement using levator veli palatini muscle EMG. The 5th Asian Pacific Cleft Lip and Palate Conference, Seoul, Korea.
- Trost-Cardamone, J.E., & Kuehn, D.P. (2004). Universal reporting parameters for speech: Issues in terminology, rating and scoring. Eye Opener Session. American Cleft Palate-Craniofacial Association, Chicago, IL.
- Tachimura, T. & Kuehn, D.P. (2004). New concept of prosthetic treatment of velopharyngeal incompetence; Study Session. American Cleft Palate-Craniofacial Association, Chicago, IL.
- Kuehn, D.P. (2004). Workshop on Universal Reporting Parameters for the Speech of Individuals with Cleft Palate. Workshop chair and organizer. National Institute on Deafness and Other Communication Disorders. Washington, D.C.
- Perry, J. & Kuehn, D. (2004). Stereoscopic imaging in medical sciences. Seminar. American Speech-Language-Hearing Association, Philadelphia.
- Tian, W. & Kuehn, D. (2004). Muscle architecture of the human cadaveric tongue. American Speech-Language-Hearing Association, Philadelphia.
- Ha, S. & Kuehn, D. (2005). Temporal characteristics of nasalization in children and adult speakers of American English and Korean during production of three vowel contexts. American Cleft Palate-Craniofacial Association, Myrtle Beach, SC.
- Tachimura, T., Nohara, K., Satoh, K., Kuehn, D., & Wada, T. (2005). Residual effect of a palatal lift prosthesis on levator veli palatini muscle activity after removal of the prosthesis. American Cleft Palate-Craniofacial Association, Myrtle Beach, SC.
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