

CURRICULUM VITAE

Julie M. Liss, Ph.D.

Department of Speech & Hearing Science
Box 870102
Arizona State University
Tempe, AZ 85287
(480) 965-9136
julie.liss@asu.edu

BIOGRAPHICAL INFORMATION

EDUCATION

University of Wisconsin-Madison	B.A.	1984	Psychology/Communicative Disorders
University of Denver	M.A.	1986	Speech Pathology
University of Wisconsin-Madison	Ph.D.	1989	Normal Aspects of Speech and Hearing

PROFESSIONAL EXPERIENCE

Associate Professor, Arizona State University, 1997-present
Assistant Professor, Arizona State University, 1994-1997.
Assistant Professor, University of Minnesota, 1990-1994.
Speech-Language Pathologist, Dean Clinic, Madison, WI, 1990.
Project Assistant, Apraxia of Speech Project, UW-Madison, 1987-1989.
Speech-Language Pathologist, VA Hospital, Madison, WI, 1986-1987.
Teaching Assistant, University of Denver, 1986.
Speech-Language Pathologist, Darrell Teter and Associates, Denver, CO, 1986.

PROFESSIONAL STATUS

Certified (Certificate of Clinical Competence, Speech-Language Pathology), ASHA.

PROFESSIONAL AFFILIATIONS

Member, American Speech-Language-Hearing Association (1986-present).
Member, Acoustical Society of America (1988-present).
Member, International Clinical Phonetics & Linguistic Association (1994-1997).
Member, Sigma Xi Scientific Research Society (1990-1997).
Member, Sigma Delta Epsilon--Graduate Women in Science (1990-1995).
Member, Board of Directors, Sigma Delta Epsilon, Xi Chapter (1991-94).

RESEARCH AND SCHOLARSHIP

GRANTS

Current Awards:

Liss, JM. (Principal Investigator) "Perception of dysarthric speech." NIH-NIDCD R01 DC006859, \$1.5 million, 7/1/2004-6/30/2009.

Liss, J.M. (collaborator). High density electroencephalographic (EEG) event-related bandpower as a biomarker for disordered speech perception. CR5 awarded to Dr. John Caviness (PI), Mayo Clinic Arizona Research Committee, \$70,000, April 2007-2009.

Evidente, V. & Liss, J.M. "Correlative Study of the Phenotype, Genotype, Electrophysiology, and Speech of Patients with 'Lubag' and their Asymptomatic At-Risk Relatives." IRB 1169-02 January 17, 2003.

Prior Extramural Awards:

Liss, J.M. (Principal Investigator). "Perceptual Segmentation of Connected Dysarthric Speech." National Institutes of Health, National Institute on Deafness and Other Communication Disorders, FIRST Award. Project duration: 9/94-8/99. Direct costs: \$349,098.

Prior Mayo Foundation Awards:

Caviness, JN, Liss, JM. "Analysis of EEG-EMG Coherence in Speech" (#873-02), Mayo Clinic Scottsdale,

Awarded March 2002, \$250,000. IRB 630-99.

Caviness, JN, Liss, JM, & Wszolek, Z. "Electrophysiologic and acoustical evaluation of pallido-ponto-nigral degeneration." Mayo Clinic Scottsdale, Awarded March 2000, \$10,300 for patient care costs. IRB 873-02.

Prior Intramural Awards:

Dorman, M. & Liss, J.M. (Co-Investigators). "Computer enhanced learning in speech and hearing science."

College of Liberal Arts and Sciences, ASU. Project duration: 1996-97. Amount: \$6600.

Dorman, M. & Liss, J.M. (Co-Investigators). "Computer enhanced learning in speech and hearing science."

College of Liberal Arts and Sciences, ASU. Project duration: 1995-96. Amount: \$6195.

Liss, J.M. (Principal Investigator) "Acoustic determinants of prosodic disturbance in motor speech disorders." Grant-in-Aid, University of Minnesota. Awarded 12/91. Amount: \$11,000.

Liss, J.M. (Principal Investigator). "Writing-to-Learn in Anatomy and Physiology of the Speech and Hearing Mechanisms. " Center for Interdisciplinary Studies in Writing, University of Minnesota. Project

duration: 9/91-7/92. Amount \$9,082.

Liss, J.M. (Principal Investigator). Acoustic/perceptual effects of slowing and stress on speech production." Graduate School Faculty Summer Research Fellowship, University of Minnesota " Project duration: Summer 1991. Amount: \$4500.

Liss, J.M. (Principal Investigator). "Acoustic/perceptual characterization of select motor speech disorders." Grant-in-Aid, University of Minnesota, Project duration: 12/90-6/91. Amount: \$10,544.

RESEARCH CONSULTANTSHIPS

Senior Visiting Researcher, Mayo Clinic-Scottsdale, 2004-present

Special Project Associate, Mayo Clinic-Scottsdale, 1995-2004.

Project Affiliate, "Brain Imaging and the Behavioral Neurosciences," Good Samaritan Hospital, 1997-1998

PUBLICATIONS

REFEREED

* Articles marked with an asterisk are based on research conducted by graduate students under my supervision.

* Spitzer, S., Liss, JM, & Mattys, S.L. (in press). Acoustic cues to lexical segmentation: A study of resynthesized speech. *Journal of the Acoustical Society of America*.

Choe, Y., Azuma, T., Mathy, P., Liss, J.M., & Edgar, J. (in press). The effect of home computer practice on naming in individuals with non-fluent aphasia and verbal apraxia. *Journal of Medical Speech-Language Pathology*.

Arvanitakis, Z, Witte, RJ, Dickson, DW, Tsuboi, Y, Uitti, R, Slowinski, J, Hutton, M, Lin S., Boeve, B., Cheshire, W., Pooley, R., Liss JM, Caviness, JN, Strongosky, A & Wszolek, Z. (2007). Clinical-pathologic studies of biomarkers in FTDP-17 (PPND family with N279K tau mutation). *Parkinson's Disease and Related Disorders*. May; 13(4):230-9. Epub 2006-12-29.

Liss, JM, Krein-Jones, K., Wzolek, Z. & Caviness, JN (2006). Speech characteristics of patients with pallido-ponto-nigral degeneration (PPND) and their application to pre-symptomatic detection in at-risk relatives. *American Journal of Speech-Language Pathology*, 15, 226-253.

McHenry, M. & Liss, J.M. (2006). The impact of stimulated vocal loudness on nasalance in dysarthria. *Journal of Medical Speech-Language Pathology*, 14(3), 197-206.

Caviness, J.N., Liss, J.M., Adler, C. & Evidente, V. (2006). Analysis of high-frequency electroencephalographic-electromyographic coherence elicited by speech and oral nonspeech tasks in Parkinson's disease. *Journal of Speech, Language and Hearing Research*, 49(2), 492-499.

Jones, W., Mathy, P., Azuma, T. & Liss, J. (2004). The effect of aging and topic cues on the intelligibility of dysarthric speech. *Augmentative and Alternative Communication*, 20(2), 22-29.

*Sciortino, K., Liss, J.M., Case, J.L., Gerritsen, K. & Katz, R.C. (2003). Effects of mechanical, cold, gustatory, and combined stimulation to the human anterior faucial pillars. *Dysphagia*,(18), 16-26.

Liss, J.M., Spitzer, S.M., Caviness, J.N., & Adler, C. (2002). The effects of familiarization on intelligibility and lexical segmentation in hypokinetic and ataxic dysarthria. *Journal of the Acoustical Society of America*, 112(6), 3022-3030.

*Spitzer, S.M., Liss, J.M., Caviness, J.N., & Adler, C. (2000). An exploration of familiarization effects in the perception of hypokinetic and ataxic dysarthric speech. *Journal of Medical Speech-Language Pathology*, 8(4), 285-294.

Liss, J.M., Spitzer, S.M., Caviness, J.N., Adler, C., & Edwards, B. (2000). Lexical boundary error analysis in hypokinetic and ataxic dysarthria. *Journal of the Acoustical Society of America*, 107(6), 3415-3424.

*Zraick, R., Liss, J.M. et. al. (2000). Multidimensional scaling of nasal voice quality. *Journal of Speech, Language and Hearing Research*.

*Zraick R. & Liss, J.M. (2000). The validity of equal appearing interval scaling of nasal voice quality. *Journal of Speech, Language and Hearing Research*.

Liss, J.M. (1998). Error revision in the spontaneous speech of apraxic speakers. *Brain and Language*, 62, 342-360.

Liss, J.M., Spitzer, S., Caviness, J.N., Adler, C., & Edwards, B. (1998). Syllabic strength and lexical boundary decisions in the perception of hypokinetic dysarthric speech. *Journal of the Acoustical Society of America*, 104(4), 2457-2466.

*Avery, J.D. & Liss, J.M. (1996). Perceptual and acoustic analysis of less-masculine-sounding male speech. *Journal of the Acoustical Society of America*, 99, 3738-3748.

*Wilcox, F., Liss, J.M., & Siegel, G. (1996). Interobserver agreement in videofluoroscopic swallowing examinations. *Journal of Speech and Hearing Research*, 39, 144-152.

*Tjaden, K.K. & Liss, J.M. (1995). Listener familiarity in the perception of dysarthric speech. *Clinical Linguistics and Phonetics*, 9, 139-154.

*Tjaden, K.K. & Liss, J.M. (1995). The influence of familiarity on judgments of treated dysarthric speech. *American Journal of Speech-Language Pathology*, 4, 39-48.

Liss, J.M., Kuehn D.P., & Hinkle, K.P. (1994). Direct training of velopharyngeal musculature. *Journal of Medical Speech-Language Pathology*, 2, 243-249.

Liss, J.M. & Weismer, G. (1994). Acoustic characteristics of contrastive stress production in the speech of normal geriatric, apraxic and dysarthric speakers. *Clinical Linguistics and Phonetics*,

8, 45-66.

Liss, J.M. & Hanson, S.D. (1993). Writing-to-learn in science: The variables that influence success. *Journal of College Science Teaching*, May issue.

Liss, J.M. & Weismer, G. (1992). Qualitative acoustic analysis in the study of motor speech disorders. *Journal of the Acoustical Society of America*, 92, 2984-2987.

Liss, J.M. (1990). Muscle spindles in the human levator veli palatini and palatoglossus muscles. *Journal of Speech and Hearing Research*, 33, 736-746.

Liss, J.M., Weismer, G., & Rosenbek, J.C. (1990). Selected acoustic characteristics of the speech production in very old males. *Journal of Gerontology: Psychological Sciences*, 45, 35-45.

McNeil, M.R., Liss, J.M., Tseng, C., & Kent, R.D. (1990). Effects of speech rate on the absolute and relative timing of apraxic and conduction aphasic sentence production. *Brain and Language*, 38, 122-134.

BOOKS

Corbin-Lewis, K., Liss, J.M. & Sciortino, K. (2004). *Clinical Anatomy and Physiology of the Swallow Mechanism*. Thomson Delmar Learning, Clifton Park NY.

INVITED CHAPTERS

Liss, J.M., Lansford, K., Caviness, J.N. (submitted). Lewy body dementia. In J. Rosenbek (Ed.) **The Encyclopedia of Oropharyngeal Dyphagia in Rare Conditions**. Plural Publishing: San Diego.

Liss, J.M. (2007). Perception of dysarthric speech. In G. Weismer (Ed.). **Motor Speech Disorders: Essays for Ray Kent**, Plural Publishing: San Diego.

Weismer, G. & Liss, J.M. (1991). Speech motor control and aging. In D. Ripich (Ed.), **Handbook of Geriatric Communication Disorders**. pp. 205-225. Austin: Pro-Ed.

Kent, R.D., Liss, J.M., & Philips, B.J. (1989). Acoustic analysis of velopharyngeal dysfunction in speech.

In K. Bzoch (Ed.), **Communicative Disorders Related to Cleft Lip and Palate** (Revised Edition). pp. 258-270. Boston: Little-Brown.

CONFERENCE PROCEEDINGS

Weismer, G. & Liss, J.M. (1991). Acoustic/perceptual taxonomies of disordered speech. In C. Moore, K. Yorkston and D. Beukelman (Eds.), **Dysarthria and apraxia of speech: Perspectives and management**. pp. 245-270, London: Brookes.

Weismer, G. & Liss, J.M. (1991). Reductionism is a dead end in speech research: Perspectives on a new direction. In C. Moore, K. Yorkston and D. Beukelman (Eds.), **Dysarthria and apraxia of speech: Perspectives and management**. pp. 15-27, London: Brookes.

PRESENTATIONS

REFEREED SCIENTIFIC AND PROFESSIONAL PRESENTATIONS

(*Presentations marked with an asterisk are based on research conducted by graduate student under my supervisions.)

Mattys, S. L., Spitzer, S. M., & Liss, J. M. (July 2007). "Acoustic cues to lexical segmentation: A study of resynthesized speech." Paper presented at the Joint meeting of the Psychonomics Society and the Experimental Psychology Society. Edinburgh, Scotland.

Liss, JM, White, L. Spitzer, S., Mattys, S., Lansford, K., Choe, Y-k., Kennerley, K., Caviness, J.(June 2007). "Quantifying speech rhythm deficits in dysarthria." Poster at the Meeting of the Acoustical Society of America, Salt Lake City, UT

*Lansford, K., Mattys, S., & Liss, JM (June 2007). "Word recognition in dysarthric speech: Evidence for the time- course hypothesis" Poster at the Meeting of the Acoustical Society of America, Salt Lake City, UT.

Liss, JM, White, L., Spitzer, SM, Mattys, SL, Lansford, K., Choe, YK, Kennerley, K. & Caviness J. (April 2007). "Speech rhythm deficits in dysarthria." Poster presented (by L.White) at the Speech Prosody in Atypical Populations Conference, University of Reading, UK.

Caviness, J.N., Liss, JM., and Parsons, L, Adler, C., Evidente, V. "Analysis of high-frequency EEG-EMG Coherence in mouth movements and speech in PD." Conference on Motor Speech, presentation, March 2004, Albuquerque, NM.

Liss, JM, Krein-Jones, K., Lamoureux, AK, Wszolek, Z., and Caviness, JN. "Voice characteristics of patients with PPNB and their application to presymptomatic detection in at-risk relatives." Conference on Motor Speech, poster presentation, March 2004, Albuquerque, NM.

Liss, JM, Josephs, J., Parsons, L, Adler, C., Caviness, J.N. "A prediction-based analysis of Hypokinetic dysarthria in an off versus on medication state." Conference on Motor Speech, poster presentation, March 2004, Albuquerque, NM.

Caviness, J. & Liss,J.M. "Analysis of EEG-EMG Coherence in Speech," *Board of Governors Proceedings*, March 2002.

Liss, J.M. Listener's role in the intelligibility of dysarthric speech," ASHA Short Course, Atlanta,November 2002.

Zraick, R. & Liss, JM. "Individual listener differences in the perception of nasality" ASHA, Atlanta,

November 2002.

Corbin-Lewis, K. & Liss, JM (2000). "Vowel space in 10 Utah families." Poster presented at the 140th Meeting of the Acoustical Society of America, Newport Beach, CA.

Liss, J.M., Spitzer, S.M., Caviness, J.N. & Adler, C. (2000). "Perceptual segmentation of connected dysarthric speech: The final report." *Tenth Biennial Conference on Motor Speech*, San Antonio, TX.

*Spitzer, S., Liss, J.M., Caviness, J.N., Adler, C., & Edwards, B. (2000). "An exploration of familiarization effects in the perception of hypokinetic and ataxic dysarthric speech." Poster presentation. Tenth Biennial Conference on Motor Speech, San Antonio, TX.

Caspari, I., LaPointe, L., ...Liss, J.M. (1999). Annual Meeting of the American Speech Language and Hearing Association, San Francisco, CA.

*Zraick, R., Liss, J.M., et al. (1998). "Perceptual scaling of synthesized nasal vowels." Annual Meeting of the American Speech Language and Hearing Association, San Antonio, TX, November 1998.

Liss, J.M., Spitzer, S., Caviness, J.N., Adler, C., & Edwards, B. (1998). "Lexical boundary errors in the perception of hypokinetic and ataxic speech." *Ninth Biennial Conference on Motor Speech*, Tucson, AZ.

Liss, J.M., von Berger, S., Caviness, J.N., Adler, C., & Edwards, B. (1996). "Exploration of listener strategies in the perception of hypokinetic dysarthric speech." Poster presentation. *Third Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan*, Honolulu, Hawaii.

Caviness, J.N. & Liss, J.M. (1996). "Methodological analysis of different triggering events and artifact contribution in Bereitschaftspotentials before speech." Poster presentation. *Fourth International Congress of Movement Disorders*, Vienna, Austria.

Liss, J.M., von Berger, S.M., Caviness, J.N., Adler, C., Muentner, M. & Edwards, B. (1996). "Syllabic stress and lexical boundary decisions in hypokinetic dysarthria." *Eighth Biennial Conference on Motor Speech*, Amelia Island, FL.

*Connaghan, K., Liss, J.M. & Sidtis, J.J. (1994). "Relational timing in ataxic dysarthria." Paper presentation. *Seventh Biennial Conference on Motor Speech*, Sedona, AZ.

*Avery, J. & Liss, J.M. (1993). "Perceptual/acoustic analysis of less-masculine-sounding male speech." Poster presentation. *ASHA Convention*, Anaheim, CA.

*Sorensen, F., LISS, J.M., & Siegel, J. (1993). "Videofluoroscopic studies of swallowing disturbances." Poster presentation. *ASHA Convention*, Anaheim, CA.

LISS, J.M. (1992). "Prosodic marking in the error-revision of apraxic speakers." Poster presentation. *124 Meeting of the Acoustical Society of America*, New Orleans, LA.

*Tjaden, K. & LISS, J.M. (1992). "An acoustic/perceptual investigation of a prosody-based treatment strategy." Paper presentation. *ASHA Convention*, San Antonio, TX.

*Little, K. & LISS, J.M. (1992). "The role of listener familiarity in perception of severely dysarthric speech: A perceptual/acoustic investigation." Paper presentation. *Sixth Biennial Conference on Motor Speech Disorders*, Boulder, CO.

*Brundage, S.B. & LISS, J.M. (1991). "Acoustic analysis of vowels produced by young and elderly women in spontaneous speech." Paper presentation. *122 Meeting of the Acoustical Society of America*, Houston, TX.

LISS, J.M. & Kuehn, D.P. (1990). "Sensorimotor control of the velopharyngeal mechanism." Miniseminar. *ASHA Convention*, Seattle, WA.

Weismer, G. & LISS, J.M. (1990). "Acoustic/perceptual taxonomies of speech production deficits in motor speech disorders." Paper presentation. *Fifth Biennial Clinical Dysarthria Conference*, San Antonio, TX.

LISS, J.M. and Weismer, G. (1989). "Acoustic characteristics of contrastive stress production in normal geriatric and apraxic speakers." Paper presentation. *117th Meeting of the Acoustical Society of America*, Syracuse, NY.

McNeil, M., Tseng, C., Adams, S., Hunter, L., LISS, J., Odell, K., Rosenbek, J., & Weismer, G. (1989). "Perceptual, acoustic, and physiologic analyses of normal, apraxic, conduction aphasic and ataxic dysarthric speech production: Evidence for multilevel impairments within pathologic groups." Poster presentation. *Academy of Aphasia*, Santa Fe, NM.

INVITED SPEAKER AT PROFESSIONAL CONFERENCES

Lotto, AJ & LISS, JM (2007). "Applications and implications of basic research into the processing of complex sound perception." NSSHLA Educational Forum, University of Arizona.

LISS, JM (2007). "Predicting Intelligibility from Auditory Cognitive Models." *First Annual Meeting*

of the Auditory Cognitive Science Society, Tucson, Arizona.

LISS, J.M., & Caviness, J.N. (1997). "Understanding neurogenic speech and movement disorders: A clinical approach. *Arizona Speech-Language and Hearing Association, Phoenix, Arizona.*

LISS, J.M. (1995). "Assessment and Treatment of Childhood Motor Speech Disorders." *18th Annual Summer Institute for the Management of Communicative Disorders, Utah State University, Logan, UT.*

LISS, J.M. (1994). "Differential Diagnosis of Motor Speech Disorders." *Western Kentucky Conference on Communication Disorders, Murray State University, Murray, KY*

LISS, J.M. (1993). "Error-repair in Apraxia of Speech." *National Center for Neurogenic Communication Disorders, University of Arizona, Tucson, AZ.*

LISS, J.M. (1993). "Treatment of Motor Speech Disorders." *Seventh National Conference on Stroke, North Memorial Medical Center, Minneapolis, MN.*

Weismer, G., & LISS, J.M. (1992). "A second look at reductionism in speech research." *Sixth Biennial Conference on Motor Speech, Boulder, CO.*

LISS, J.M. (1991). "Our Changing Role in the Diagnosis and Treatment of Motor Speech Disorders." *Spring Convention of the Minnesota Speech- Language-Hearing Association, Bloomington, MN.*

TEACHING AND ADVISING
ARIZONA STATE UNIVERSITY

CLASSROOM TEACHING

SHS 310 *Anatomy and Physiology of the Speech Mechanism*

SHS 591 *Normal and Disordered Aspects of Swallowing in Pediatric and Adult Populations (Dysphagia)*

SHS 591; 567 *Neural Bases of Communication Disorders*

SHS 576 *Neuromotor Speech Disorders*

SHS 576 *Motor Speech Disorders and Dysphagia*

SHS 582 *Diagnostics in Communication Disorders*

SHS 591 *Pharmacological and Surgical Intervention*

SHS 512 *Medical Aspects*

DOCTORAL TRAINING

Dissertation Direction

Zraick, R. (1998). "Perceptual scaling of synthesized nasal vowels."

Filter K. (1999). "Effects of mechanical, cold, gustatory, and combined stimulation to the human anterior faucial pillars."

Spitzer, S. (2002). "Contributions of prosodic variation to lexical segmentation in resynthesized speech"

Krein-Jones, K (current student 2007)

Lansford, Kaitlin (current student 2007)

Choe, Yu-kyong (current student 2007; co-chair Tamiko Azuma)

SERVICE

DEPARTMENTAL AND UNIVERSITY SERVICE

ARIZONA STATE UNIVERSITY

University Committees

Search Committee, member: University Research Physician (2007)
Council for Research and Creative Activities (1998-2002)

College of Liberal Arts & Sciences

Mentor Program for Junior Faculty (mentor 2005-present)
Director, Interdisciplinary Doctoral Program (2002-2004)
Graduate College Representative for Dissertation Defenses
Member, Neuroscience Ph.D. Curriculum Development Committee (2005-2007)

Department of Speech & Hearing Science

Interim Department Chair of SHS (December 2006-August, 2007)
Chair, Search Committee, Academic Faculty Position (2005-2006)
Chair, Ph.D. Admissions and Program Committee (2004-2006)
Member, Ph.D. Admissions and Program Committee (2006-2008)
Chair, Curriculum Committee (2006-2007)
Member, Personnel & Budget Committee (1998-2002; 2005-2006; 2006-2008)
Member, Tenure & Promotion Committee (1998-2008)
Member, Public Relations Committee (2004-2006)
Member Admissions Committee (1998-2001; Fall 2004)
Chair Admissions Committee (for Jeanne Wilcox) (2003-2004)
Affirmative Action Representative (renewed Fall 1998, 2001, 2004)
Chair, Search Committee, Clinical Faculty Position (1998)
Chair, Personnel & Budget Committee (1996-97)
Chair, Search Committee, ASL Program Coordinator Position (1996-1997)
Chair, Ad Hoc Standards Committee (1996-present)
Chair, Affirmative Action Committee (1996-97)
Member, Interdisciplinary Doctorate Program (Fall 1994-2005)
College Senate alternate (1996-98)
Representative, Departmental: University graduation ceremony (12/96)
Member, Fund Raising Committee (Fall 1995-present)
Member, Interim Personnel & Budget Committee (Fall 1995)
Representative Attendant: CLAS Departmental Chairs Conference (Summer 1995)
Representative Attendant: Council for Graduate Programs in Communication Sciences and Disorders (April, 1995)
Member, CLAS Action Representative (Fall 1994-1995)

PROFESSIONAL SERVICE

EDITORSHIPS

ASSOCIATE EDITOR FOR AMERICAN JOURNAL OF SPEECH-LANGUAGE PATHOLOGY, 2007-2010
ASSOCIATE EDITOR FOR SPEECH, JOURNAL OF SPEECH, LANGUAGE AND HEARING RESEARCH, 2000-2002.
GUEST AE, AMERICAN JOURNAL OF SPEECH LANGUAGE PATHOLOGY, 2005, 2006
GUEST AE, JOURNAL OF SPEECH, LANGUAGE AND HEARING RESEARCH, 2006
GUEST AE, LANGUAGE, SPEECH AND HEARING SERVICES IN THE SCHOOLS, 2006

SCHOLARLY REVIEWER

NIH NIDCD ZDC1 SRB Ad hoc reviewer 2007
NIH NIDCD R03 Ad hoc reviewer 2002-2006
NIH NIDCD Pre-Doctoral Award Ad hoc reviewer 2002-2004
NIH NIDCD Center Grant Ad hoc reviewer 2004
Natural Sciences and Engineering Research Council of Canada (NSERC) reviewer 2002-present

Editorial Consultant/Reviewer: Journal of Speech and Hearing Research, 1990-present.
Editorial Consultant/Reviewer: American Journal of Speech-Language Pathology, 1993-present.
Editorial Consultant/Reviewer: Journal of Medical Speech-Language Pathology, 1998-present.
Ad hoc Reviewer: Journal of Communication Disorders, 2006-present
Ad hoc Reviewer: Journal of the Acoustical Society of America, 1994-present.
Ad hoc Reviewer: Clinical Linguistics and Phonetics, 1994-present.
Ad hoc Reviewer: Journal of Medical Speech-Language Pathology, 1994-1998
Ad hoc Reviewer: Annals of Otology, Rhinology & Laryngology, 1995-present
Ad hoc Reviewer: Folia Phoniatica et Logopaedica, 1996-present.
Ad hoc Reviewer: Journal of College Science Teaching, 1993-1995.
Book Reviewer:
(1993) Duffy, J. (1995). Motor Speech Disorders. St. Louis: Mosby.
(1997) Kent, R.D. The Speech Sciences. San Diego: Singular Publishing.

CONFERENCE COMMITTEES

American Speech-Language-Hearing Association (CCC-SLP)

- *Member 2007 ASHA Convention Program Committee: Motor Speech
- *2005, Invited speaker, NSSHLA
- *Member 2004 ASHA Convention Program Committee: Motor Speech
- *Member 2000 ASHA Convention Program Committee: Motor Speech
- *Member 1998 ASHA Convention Program Committee: Neurogenic Speech Disorders
- *Member 1997 ASHA Convention Program Committee: Neurogenic Speech Disorders
- *Member 1995 ASHA Convention Program Committee: Motor Speech
- *Member 1992 ASHA Convention Program Committee: Speech Science Subcommittee

*Member 1992 ASHA Convention Special Session Chair

Meeting of the Acoustical Society of America

*Session Chair, 2007 Spring ASA, Salt Lake City Utah

*Member 1993 Student Paper Competition Judge

Conference on Motor Speech

* Program Chair, Motor Speech Disorders, 2008 meeting

*Member 2000: Reading Committee for Motor Speech Disorders

COMMUNITY OUTREACH

Invited Speaker: Ataxia Support Group (Phoenix Area and Tucson Area), 1996, 2006

Invited Speaker: Parkinson's Disease Support Group, 1995-2006

Invited Speaker: Huntington's Disease Support Group (Phoenix), 1995-2006
