

ROBERT E. MOORE
Associate Professor and Chair
University of South Alabama
Department of Speech Pathology and Audiology
2000 University Commons
Mobile, AL 36688-0002
251-380-2644
rmoore@usouthal.edu

EDUCATION

Doctor of Philosophy in Hearing Science, May 2000
The University of Tennessee, Knoxville
Dissertation Title: *Effects of hearing loss on attentional effort during listening tasks.*

Master of Arts in Audiology, June 1976
The University of Tennessee, Knoxville
Thesis Title: *Aural harmonic thresholds and acoustic stapedial reflex thresholds for normals using air- and bone-conducted stimuli.*

Bachelor of Arts in Speech and Hearing, June 1975
The University of Tennessee, Knoxville

CERTIFICATION

Certificate of Clinical Competence in Audiology awarded January 1, 1977
American Speech-Language-Hearing Association
Alabama License in Audiology held August 2001 – Present
Alabama Board of Examiners in Speech Pathology and Audiology
Tennessee License in Audiology held May 1986 – August 2001
Tennessee Board of Examiners in Speech Pathology and Audiology
Tennessee License in Hearing Aid Dispensing held May 1986 – August 2001
Tennessee Board of Examiners in Hearing Aid Dispensing

PROFESSIONAL EXPERIENCE

University of South Alabama
Assistant Professor, August 2001 – August 2007
Associate Professor, August 2007 – present
Interim Chair, August 2007 – February 2008
Chair, February 2008 - present

Otolaryngology: Head & Neck Associates/Audiology Associates of East Tennessee
Knoxville, TN

Head of Audiology and part owner - 1989 - 2001

Baptist Hospital, Knoxville, TN

Director of Speech and Hearing Services, 1987 - 1989

Fort Sanders Regional Medical Center, Knoxville, TN

Audiologist, 1985 - 1987

The University of Tennessee

Instructor and Clinical Supervisor, 1979 - 1985

Shea Clinic, Memphis, TN

Audiologist, 1976 - 1979

PUBLICATIONS

Refereed

Estis, J.M., Coblenz, J.K., and **Moore, R.E.** (2009) Effects of increasing time delays on pitch-matching accuracy in trained singers and untrained individuals. *Journal of Voice*, 23: 439-445.

Adams, E.M. and **Moore, R.E.** The effects of noise on the perception of speech rate and speech understanding performance. *Journal of the American Academy of Audiology*, 20:28-39.

Gordon-Hickey, S. and **Moore, R.E.** (2008) Acceptance of noise with intelligible, reversed, and unfamiliar primary discourse. *American Journal of Audiology*, 17: 129-135.

Moore, R.E., Estis, J., Gordon-Hickey, S., and Watts, C. (2008) Vocal and tonal pitch matching and pitch discrimination. *Journal of Voice*. 22: 399-407.

Estis, J., Coblenz, J., and **Moore, R.E.** Effects of increasing time delays on pitch matching accuracy in trained singers and untrained individuals. *Journal of Voice* (In press).

Moore, R., Keaton, C., and Watts, C. (2007) The role of pitch memory in pitch discrimination and pitch matching. *Journal of Voice*. 21: 560-567.

Gordon-Hickey, S. and **Moore, R.E.** (2007) Influence of music and music preference on acceptable noise levels in listeners with normal hearing. *Journal of the American Academy of Audiology*. 18:417-428.

Moore, R.E., Adams, E.A., Dagenais, P.D., and Caffee, C. (2007) The effects of filtering and reverberation on speech rate perception. *International Journal of Audiology*, 46:154-160.

Moore, R.E., Estis, J., Zhang, F., Watts, C., and Marble, E. (2007) Relations of pitch matching, pitch discrimination, and otoacoustic emission suppression in individuals not formally trained as musicians. *Perceptual and Motor Skills* 104:777-784.

Dagenais, P., Brown, G., and **Moore, R.** (2006). Speech rate effects upon intelligibility and acceptability of dysarthric speech. *Clinical Linguistics and Phonetics*. 20(2/3): 141-148.

Watts, C., **Moore, R.**, and McCaghron, K. (2005). The relationship between pitch matching and pitch discrimination in untrained talented and non-talented singers. *Journal of Voice*. (19): 534-543.

Sims, M.H. and **Moore, R.E.** (1984). Auditory-evoked response in the clinically normal dog: Early latency components. *American Journal of Veterinary Research* (45): 2019-2027.

Sims, M.H. and **Moore, R.E.** (1984). Auditory-evoked response in the clinically normal dog: Middle latency components. *American Journal of Veterinary Research* (45): 2028-2033.

Shea, J.J., Emmett, J.R., and **Moore, R.E.** (1979). The surgical treatment of Meniere's disease. *Laryngoscope* (89): 1244-1257.

Non-refereed

Moore, R., Keaton, C., and Watts, C. (2005) Research in progress: The role of pitch memory in pitch matching and pitch discrimination. *ASHA Leader*. (10): 4.

Refereed Abstracts

Gordon-Hickey, S. and **Moore, R.** (2006). Acceptable noise levels with intelligible and unintelligible primary discourse. *Journal of the Acoustical Society of America*. (119): 3337.

Moore, R., Watts, C., and Zhang, F. (2004) The role of timbre in pitch matching abilities and pitch discrimination abilities with complex tones. *Journal of the Acoustical Society of America*. (115): 2390.

PRESENTATIONS AND POSTERS

Moore, R.E., Gordon-Hickey, S., Bryan, M.F., and Plyler, P.N. (2009) Acceptable Noise Level (ANL): A research and methodological overview. Learning Module. American Academy of Audiology Annual Convention, Dallas, TX.

Gordon-Hickey, S., Adams, E.M, **Moore, R.E.**, Gaal, A., Berry, K., and Brock, S. (2009) Intester reliability of the Acceptable Noise Level measurement. American Academy of Audiology Annual Convention, Dallas, TX.

Moore, R.E., Gordon-Hickey, S., & Jones, A. (2008). A comparison of acceptable noise levels in children and adults. American Speech-Language and Hearing Association Annual Convention, Chicago, IL.

Adams, E.A., Gordon-Hickey, S., **Moore, R.E.**, & Morlas, H. (2008). Effects of reverberation on acceptable noise levels in adults. American Speech-Language and Hearing Association Annual Convention, Chicago, IL.

Dean-Claytor, A., Estis, J.M., & **Moore, R.E.** (2008). Impact of noise and musical interference on pitch matching accuracy. American Speech-Language and Hearing Association Annual Convention. Chicago, IL.

Moore, R.E., Gordon-Hickey, S., Jones, A., and Manasco, M.H. (2008). Relationship of personality, noise sensitivity, and ANL. (2008). Poster presentation for the annual American Academy of Audiology Convention, Charlotte, N.C.

Gordon-Hickey, S. and **Moore, R.E.** (2008). The effect of different primary and secondary stimulus conditions on acceptable noise levels. Poster presentation for the annual American Academy of Audiology Convention, Charlotte, N.C.

Moore, R. and Gordon-Hickey, S. (2007) ANL: A tool for predicting hearing aid success. American Speech-Language and Hearing Association Annual Convention. Boston, MA.

Adams, E. and **Moore, R.** (2007) Effect of noise on speech rate judgment and speech understanding. American Speech-Language and Hearing Association Annual Convention. Boston, MA.

Lambeth, A., **Moore, R.**, and Gordon-Hickey, S. (2007) Relationship of acceptable noise level to noise sensitivity. American Speech-Language and Hearing Association Annual Convention. Boston, MA.

Parisi, J., Estis, J., **Moore, R.**, and Brungart, D. (2007) Speech intelligibility in military communication headsets: Effect of microphone type. American Speech-Language and Hearing Association Annual Convention. Boston, MA.

Coblentz, J., Estis, J., and **Moore, R.** (2007) Pitch-matching with increasing time delays in trained and untrained individuals. American Speech-Language and Hearing Association Annual Convention. Boston, MA.

Moore, R. and Gordon-Hickey, S. (2007) Application and research overview of acceptable noise level. Speech and Hearing Association of Alabama Annual Convention. Mobile, AL.

Gordon-Hickey, S., **Moore, R.**, Estis, J., and Watts, C. (2006). Vocal and tonal pitch matching and pitch discrimination. American Speech-Language and Hearing Association Annual Convention. Miami, FL.

Gordon-Hickey, S. and **Moore, R.** (2006). Acceptable noise levels and intelligible and unintelligible primary discourse. 151st Meeting of the Acoustical Society of America, Providence, RI.

Moore, R.E., Estis, J., Zhang, F., Watts, C., and Marble, E. (2005) Relationship of distortion product otoacoustic emission suppression and pitch matching and pitch discrimination abilities. American Speech-Language and Hearing Association Annual Convention. San Diego, CA.

Moore, R.E., Keaton, C.A., and Watts, C. (2004). The role of pitch memory in pitch matching and pitch discrimination. American Speech-Language and Hearing Association Annual Convention. Philadelphia, PA.

Moore, R.E., Watts, C., and Zhang, F. (2004). The role of timbre in pitch matching abilities and pitch discrimination abilities with complex tones. 147th Meeting of the Acoustical Society of America. New York, NY.

Moore, R.E. (2004) Everyone is normal until you get to know them: getting to know your patients better. Speech and Hearing Association of Alabama Annual Convention. Panama City, FL (Invited).

Dagenais, P.A., Brown, G.R., and **Moore, R.E.** (2004). Speech rate effects upon intelligibility and acceptability of dysarthric speech. International Clinical Phonetics and Linguistics Association. Lafayette, LA.

Moore, R.E., Adams, E.M., and Caffey, C.S. (2003). Just-noticeable differences in speech rate in degraded listening conditions. American Speech-Language and Hearing Association Annual Meeting. Chicago, IL.

Adams, E.M. and **Moore, R.E.** (2003). The effects of reverberation and filtering on speech rate preference. American Speech-Language and Hearing Association Annual Meeting. Chicago, IL.

- Watts, C., **Moore, R.E.**, McCaghron, K., and Carr, M. (2003). The relationship between pitch-matching skills and pitch discrimination skills in untrained accurate and inaccurate singers. American Speech-Language and Hearing Association Annual Meeting. Chicago, IL.
- Watts, C., Barnes-Burroughs, K., and **Moore, R.E.** (2003). Pitch perception and control of fundamental frequency in trained and untrained singers. 32nd Annual Symposium: Care of the Professional Voice. Philadelphia, PA.
- Moore, R.E.** and Thelin, J.W. (2000) Effects of hearing loss on attentional effort during listening tasks. American Speech-Language and Hearing Association Annual Meeting. Washington, D.C.
- Moore, R.** and Sims, M. (1984). Effects of sodium thiamylol on the auditory brainstem response and middle latency response, Tennessee Speech-Language and Hearing Association Meeting, Nashville, TN.
- Thompson, M., Diefendorf, A., and **Moore, R.** (1983). The auditory brainstem response of the neonate during hyperbilirubinemia, Tennessee Speech-Language and Hearing Association Meeting, Gatlinburg, TN.
- Moore, R.**, Diefendorf, A., and Thompson, M. (1983). The morphology of the auditory brainstem response in the neonate, Tennessee Speech-Language and Hearing Association Meeting, Gatlinburg, TN.
- Diefendorf, A. and **Moore, R.** (1982). The auditory brainstem response of the neonate - what is normal? The Second International Evoked Potentials Symposium, Cleveland, OH.
- Diefendorf, A. and **Moore, R.** (1982). The evaluation of neonates using the auditory brainstem response. Tennessee Speech-Language and Hearing Association Meeting, Nashville, TN.
- Moore, R.** (1980). Methodology for ear selection in hearing aid fitting procedures. Tennessee Speech-Language and Hearing Association Meeting, Nashville, TN.
- Moore, R.** (1979). Etiology and case history in individuals with fluctuant hearing loss. Southern Audiological Society Convention, Savannah, GA.
- Moore, R.**, Shea, J., Emmett, J., and Drake, N. (1979). Selective amplification in a hearing aid program. Tennessee Speech-Language and Hearing Association Meeting, Gatlinburg, TN
- Moore, R.** and Shea, J. (1978). Brainstem electrical response audiometry findings with Meniere's disease and tinnitus patients. What's New in Otology Meeting, Memphis, TN

RESEARCH IN PROGRESS

Estis, J.M., Parisi, J., **Moore, R.E.**, and Brungart, D.S. Speech intelligibility limitations with in-the-ear microphones. (Manuscript submitted to Human Factors)

Gordon-Hickey. S.,**Moore, R.E.**, and Estis, J. The effect of different stimulus conditions on the acceptable noise level for young adults with normal hearing. (Manuscript submitted to the Journal of the American Academy of Audiology)

Moore, R.E., Gordon-Hickey,S, and Jones, A. A Comparison of acceptable noise levels in children and adults. (Manuscript submitted to the International Journal of Audiology)

Estis, J., Dean-Claytor, A., and **Moore, R.E.** Impact of noise and musical interference on pitch matching accuracy in trained singers and untrained individuals. (Manuscript submitted to Journal of Voice)

GRANTS

ASHFoundation 2003 Research Grant for New Investigators (submitted 2003, unfunded) \$5,000.00 *Effect of noise sensitivity on annoyance and speech understanding.*

University of South Alabama of South Alabama Research Council intramural research grant (awarded February, 2002) \$3,820.00 *Personality and speech communication in noise*

The University of Tennessee Research Award (awarded 1983) \$3,000.00 *Effects of tensor tympani tenotomy on the acoustic reflex in the normal canine*

The University of Tennessee Research Award (awarded 1982) \$5,650.00 *Effects of acute hypoxia on the auditory brainstem response in adult and neonatal dogs*

The University of Tennessee Biomedical Research Support Grant (awarded 1981) \$2,000.00 *The development of an animal model for perinatal hypoxic-asphyxic trauma in the human infant*

TEACHING

University of South Alabama, Mobile, AL, 2001 – Present

Current Courses Include: Psychoacoustics, AUD 613
 Instrumentation and Acoustics, AUD 614
 Basic Assessment, AUD 640
 Pediatric Audiology, 642
 Counseling the Hearing Imp and Fams, AUD 648

Vestibular Assessment and Treatment, AUD 650
Dev. and Management of Aud Practices, AUD 661
Professional Pract: Clinical Supervision, CSD 697
Sp and Hearing Science and Inst, CSD 651

Previous Courses Include: Speech and Language Science, AUD 615
Audiology for Speech Pathologists, SPA 588
Special Procedures in Audiology, SPA 579
Pediatric Audiology, SPA 578
Counseling the Hearing Imp and Fams, SPA 576
Introduction to Audiological Assessment, SPA 471
Introduction to Hearing Disorders, SPA 470

Additional Courses Include: Thesis, SLP 599
Directed Study, CSD 694
Directed Research, CSD 695
Dissertation, CSD 799

Specialty/Topic Areas: Psychoacoustics
Acoustics
Speech recognition in adverse listening situations
Noise sensitivity
Cochlear implants
Counseling

The University of Tennessee, Knoxville, TN, 1979 – 1985
Instructor, ASP 5730, Hearing Disorders, taught annually 1979-1984
Instructor, ASP 5505, Electronystagmography, taught annually 1979-1981
Instructor, ASP 5600, Independent Study in Audiology, taught 1981, 1982, 1984
Clinical Supervisor responsible for clinical practicum instruction from 1979-1985

STUDENT RESEARCH DIRECTION

Committee Chair – Doctoral Dissertations and Pre-dissertation Projects

Jones, A. (Prospectus in progress) Acceptable noise levels and speech perception in noise for children with normal hearing and hearing loss. Doctoral dissertation.
University of South Alabama, AL.

Jones, A. (2008, May) *The effect of noise in the home on acceptable noise levels in children*. Doctoral pre-dissertation project, University of South Alabama, Mobile, AL.

- Hickey, S.G. (2007, June). *Effect of speaker gender, background noise composition, and listener gender on acceptable noise levels*. Doctoral dissertation, University of South Alabama, Mobile, AL.
- Hickey, S.G. (2006, June). *Influence of music and music preference on acceptable noise levels*. Doctoral pre-dissertation project, University of South Alabama, Mobile, AL.
- (Co-chair)Adams, E.M. (2004, March). *Effect of noise on judgment of speech rate and performance on speech understanding measures with and without simulated hearing loss*. Doctoral dissertation, University of South Alabama, Mobile, AL. This dissertation was selected the Outstanding Dissertation at the University of South Alabama for 2004-2005.
- Adams, E.M. (2003, June). *Effect of filtering and reverberation on judgment of speech rate*. Doctoral pre-dissertation project, University of South Alabama, Mobile, AL.

Committee Chair – Master’s Theses

- (Co-chair)Parisi, J. (2007, March). *Differences in acoustical spectrum of speech presented through a boom microphone and an in-ear microphone*. Master’s thesis, University of South Alabama, Mobile, AL.
- Keaton, C. (2004, March). *Effect of pitch memory on pitch discrimination and pitch matching ability*. Master’s thesis, University of South Alabama, Mobile, AL.

Committee Member – Doctoral Dissertations and Pre-dissertation Projects

- Horne, Amy (2008, June). *N400 in Females with High and Low Acceptable Noise Levels*. Doctoral pre-dissertation, University of South Alabama, Mobile, AL.
- Manasco, H. (2008, June). *Effects of auditory masking on speech errors, disfluencies, response latency, and accuracy in aphasia*. Doctoral dissertation, University of South Alabama, Mobile, AL.
- Manasco, H. (2007, July). *Reduction of self-repairs in the speech of differential aphasia types and apraxia of speech*. Doctoral pre-dissertation project, University of South Alabama, Mobile, AL.
- Zhang, F. (2005, July). *Binaural interaction in the auditory steady-state evoked response*. Doctoral dissertation, University of South Alabama, Mobile, AL.
- Estis, J. (2004, July). *Disambiguation in preschool and school-age children with specific language impairment given phonetically distinct and phonetically similar novel words*. Doctoral dissertation, University of South Alabama, Mobile, AL.
- Zhang, F. (2004, July). *The fine-structure of otoacoustic emission suppression*. Doctoral pre-dissertation project, University of South Alabama, Mobile, AL.
- Yeager, A. (2003, June). *Processing of lexical and environmental stimuli in aphasia*. Doctoral dissertation, University of South Alabama, Mobile, AL.
- Duncan, K. (2003, April). *Aging, speech understanding in noise, and efferent system*. Doctoral dissertation, University of South Alabama, Mobile, AL.
- Duncan, K. (2002, April). *A comparison of speech-in-noise measures and contralateral otoacoustic emission suppression measures*. Doctoral pre-dissertation project. University of South Alabama, Mobile, AL.

Committee member – Master’s Theses

- Dean-Claytor, A. (2008, March). *Impact of noise and musical interference on pitch matching accuracy in trained singers and untrained individuals*. Master’s thesis, University of South Alabama, Mobile, AL.
- Coblentz, J. (2007, March). *The effect of pitch memory on pitch matching accuracy*. Master’s thesis, University of South Alabama, Mobile, AL.
- Thompson, M. (1983, April). *The auditory brainstem response of the neonate during hyperbilirubinemia*. Master’s thesis, The University of Tennessee, Knoxville, TN.

HONORS

- Faculty Award for Excellence in Research. The College of Allied Health Professions, The University of South Alabama. (2007)
- Mentor for an ASHA Student Preparing for an Academic and Research Career (SPARC) Award (2005-2006) for Susan Gordon-Hickey. \$1,500.00 for student and \$500.00 for mentor.
- Alpha Eta Society. National Honor Society for Colleges of Allied Health, inducted 2005.
- Outstanding Supervisor in Audiology. The University of Tennessee, Knoxville. (1983).

REVIEWER

- Professional Journals:
Communication Disorders Quarterly
Experimental Brain Research
Audiology Online
Journal of Educational Audiology

PROFESSIONAL SERVICE

- University of South Alabama
University Faculty Senate Representative for College of Allied Health Professions (2004-2007)
Caucus Leader for College of Allied Health Professions (2005-2007)
Academic Development and Mentoring Committee (2004-2005)
Planning and Development Committee (2005-2007)
Dean’s Advisory Council for College of Allied Health Professions (2004-2007)

Graduate Coordinator – Audiology, Dept. of Speech Pathology and Audiology
(2004-present)
University Admissions and Records Committee
 Member (2005 – present)
College Search Committees
 Member (2004-2005 Associate Dean search)
Departmental Search Committees
 Member (2008-2009 audiology faculty search)
 Member (2007 audiology faculty search)
 Member (2005-2006 audiology faculty search)
 Member (2004-2005 audiology faculty search)
 Member (2004 three searches for speech pathology faculty openings)
 Chair (2003-2004 audiology faculty search)
 Member (2002-2003 audiology faculty search)
Departmental Committee for Academic Curriculum and Admissions
 Member (2004 – present)
Departmental Academic Standards Committee
 Member (2003 – present)
Departmental Committee for Clinical Policies and Procedures
 Member (2001 – 2003)

American Speech-Language-Hearing Association
 ASHA Member (1977 – present)
 Special Interest Division 06, Hearing and Hearing Disorders – Member
 Special Interest Division 07, Aural Rehabilitation – Member
 Special Interest Division 08, Hearing Conservation – Member
 Special Interest Division 09, Hearing in Childhood – Member

American Academy of Audiology
 Member and Fellow (1988 – present)

Acoustical Society of America
 Member (2003 – present)

American Auditory Society
 Member (1992 – present)

International Society of Audiology
 Member (2004 – present)

Tennessee Association for Audiology and Speech-Language Pathology
 Treasurer (1982 - 1984)
 TAASLP Member (1979 - 2001)

Tennessee Academy of Audiology

Secretary/Treasurer (1994 - 1996)
TAA Member (1992 - 2001)

Audiology Online

Advisory Board (2007 – present)
Review Board (2007 – present)