

ELIZABETH MEZTISTA ADAMS

Assistant Professor

University of South Alabama

Department of Speech Pathology & Audiology

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EDUCATION

Doctor of Philosophy in Communication Sciences and Disorders, May 2004, University of South Alabama, Mobile

Dissertation Title: *Effect of noise on judgment of speech rate and performance on speech understanding measures with and without simulated hearing loss*

Bachelor of Science in Psychology, May 1999, Spring Hill College, Mobile, AL

CERTIFICATION

Certificate of Clinical Competence in Audiology, American Speech-Language-Hearing Association, since 2004

Alabama License in Audiology, Alabama Board of Examiners in Speech Pathology and Audiology, since 2004

ACADEMIC APPOINTMENTS AND PROFESSIONAL EXPERIENCE

Assistant Professor (2006 - present), University of South Alabama, Department of Speech Pathology & Audiology, Mobile, Alabama

Clinical Audiologist (2004 - 2006), Premier Medical Ear, Nose, & Throat Clinic, Mobile, Alabama

Graduate Assistant (2000 - 2004), University of South Alabama, Department of Speech Pathology & Audiology, Mobile, Alabama

PROFESSIONAL AFFILIATIONS

Alabama Academy of Audiology, member 2010 - present

American Speech-Language-Hearing Association, member 2004 - present

ASHA Special Interest Division for Hearing & Hearing Disorders in Children, 2008

REFEREED PUBLICATIONS

Adams, E. M., Morlas, H., & Dagenais, P. A. (in revision). The effect of reverberation on two speech-in-noise tests in young adults with normal hearing. *International Journal of Audiology*.

Adams, E. M., Gordon-Hickey, S., Morlas, H., & Moore, R. E. (in press). Effects of rate-alteration on speech perception in noise in older adults with normal hearing and hearing impairment. *American Journal of Audiology*.

Gordon-Hickey, S., Adams, E. M., Moore, R. E., Gaal, A., Berry, K., & Brock, S. (in press). Intertester reliability of the acceptable noise level. *Journal of the American Academy of Audiology*.

Adams, E. M., Gordon-Hickey, S., Moore, R. E., & Morlas, H. (2010). Effects of reverberation on acceptable noise level measurements in younger and older adults. *International Journal of Audiology*, 49(11), 832-838.

Dagenais, P. A., Adams, E. M., & Riddle, J. (2010). Effects of reverberation upon the perception of dysarthric speech. *Journal of Medical Speech-Language Pathology*, 18(2), 27-34.

- Adams, E. M., & Moore, R. E. (2009). Effects of speech rate, background noise, and simulated hearing loss on speech rate judgment and speech intelligibility in young listeners. *Journal of the American Academy of Audiology*, 20, 28-39.
- Moore, R. E., Adams, E. M., Dagenais, P.A., & Caffee, C. (2007). The effects of reverberation and filtering on speech rate judgment. *International Journal of Audiology*, 46, 154-160.
- Aarts, N. L., Adams, E. M., & Duncan, K. R. (2003). Older adult performance on an altered version of the SSI test. *American Journal of Audiology*, 12, 137-145.

RESEARCH IN PROGRESS

- Adams, E. M., Dagenais, P.A., & *Morlas, H. *Objective measure of listener difficulty in reverberation and noise.* (manuscript in preparation).
- Gordon-Hickey, S., & Adams, E. M. *The relationship between acceptable noise level and QuickSIN score.* (manuscript in preparation).
- Adams, E. M. & *Scott, J. *Pre-implant counseling of pediatric patients and their families in the southeast region of the United States: A patient and service provider perspective.* (study in development).
- Adams, E. M. & *Scott, J. *Parental stress and satisfaction with the counseling process following the diagnosis of hearing impairment in their child.* (study in development).

Note: Student co-authors are indicated with an asterisk

REFEREED PRESENTATIONS

- Dagenais, P. A., Adams, E. M., & Evans, K. J. (2012). *Comparison of intelligibility, comprehensibility and acceptability of typical dysarthric speech by older and younger normal adults.* Poster presentation at the Conference on Motor Speech, Santa Rosa, CA.
- *Morlas, H., Adams, E. M., & Dagenais, P. (2010). *The effect of reverberation on QuickSIN and R-SPIN scores in young adults with normal hearing.* Poster presentation at the 2nd Pan-American/Iberian Meeting on Acoustics, Cancun, Mexico.
- Dagenais, P. A. & Adams, E. M. (2010). *The effects of reverberation upon acceptability and intelligibility of dysarthric speech.* Poster presentation at the Conference on Motor Speech, Savannah, GA.
- Adams, E. M., & Gordon-Hickey, S. (2009). *Relationship between acceptable noise level and QuickSIN score.* Poster presentation at the American Speech-Language-Hearing Association Annual Convention, New Orleans, LA.
- Adams, E. M., *Morlas, H., Gordon-Hickey, S., & Moore, R. E. (2009). *Effect of rate-alteration on speech perception in noise in adults.* Poster presentation at the American Speech-Language-Hearing Association Annual Convention, New Orleans, LA.
- Gordon-Hickey, S., *Dockens, A., Adams, E., & Moore, R. (2009). *The effect of different primary and secondary stimulus conditions on acceptable noise levels for older adults.* Poster presentation at the American Speech-Language-Hearing Association Annual Convention, New Orleans, LA.
- Gordon-Hickey, S., Adams, E., Moore, R., *Gaal, A., *Berry, K., & *Brock, S. (2009). *Inter-tester reliability of the acceptable noise level.* Poster presentation at the American Academy of Audiology Annual Convention, Dallas, TX.
- Adams, E. M., Gordon-Hickey, S., Moore, R. E., & *Morlas, H. (2008). *Effects of reverberation on acceptable noise level in adults.* Poster presentation at the American Speech-Language-Hearing Association Annual Convention, Chicago, IL.

- Ramkisson, I., Beverly, B., Estis, J., Hudson, K., Adams, E., Dagenais, P., & Holston, T. (2008). *Recruitment and retention of minority students: Initial efforts and outcomes*. Poster presentation at the American Speech-Language-Hearing Association Annual Convention, Chicago, IL.
- Adams, E. M., & Moore, R. E. (2007). *Effect of noise on speech rate judgment and speech understanding*. Technical session presentation at the American Speech-Language-Hearing Association Annual Convention, Boston, MA.
- Adams, E. M., & Moore, R. E. (2003). *The effects of reverberation and filtering on speech rate preference*. Technical session presentation at the American Speech-Language-Hearing Association Annual Convention, Chicago, IL.
- Moore, R. E., Adams, E. M., & Caffee, C. (2003). *Just-noticeable differences in speech rate in degraded listening conditions*. Poster presentation at the American Speech-Language-Hearing Association Annual Convention, Chicago, IL.
- Sun, X. M., Adams, E. M., & Duncan, K. R. (2002). *Effects of the acoustic reflex on distortion product otoacoustic emissions*. Poster presentation at the American Speech-Language-Hearing Association Annual Convention, Atlanta, GA.
- Aarts, N. L. & Meztista, E. C. (2002). *An adaptation of the Synthetic Sentence Inventory Test: Effects of changes in competing message and inter-stimulus interval*. Poster presentation at the Speech and Hearing Association of Alabama Annual Convention, Auburn, AL.
- Note: Student co-authors are indicated with an asterisk

NON-REFEREED PRESENTATIONS

- *Overschmidt, C. & Adams, E. M. (2011). *The relationship between Satisfaction with Amplification in Daily Life and acceptable noise level*. Poster presentation at the Alabama Academy of Audiology Annual Convention, San Destin, FL.
- *Morlas, H., Adams, E. M., & Dagenais, P. A. (2010). *The effect of reverberation on QuickSIN and R-SPIN scores in young adults with normal hearing*. Poster presentation at the University of South Alabama 17th Annual Research Forum, Mobile, AL.
- Gordon-Hickey, S., *Dockens, A., Adams, E., & Moore, R. (2010). *Effect of different stimulus conditions on acceptable noise levels*. Poster presentation at the University of South Alabama's 17th Annual Research Forum, Mobile, AL.
- Adams, E. M., Gordon-Hickey, S., Moore, R. E., & *Morlas, H. (2009). *Effects of reverberation on acceptable noise level in adults*. Poster presentation at the University of South Alabama's 16th Annual Research Forum.
- *Gaal, A., *Berry, K., & *Brock, S., Gordon-Hickey, S., Adams, E. M., & Moore, R. E. (2009). *Interrater reliability of the acceptable noise level*. Poster presentation at the University of South Alabama 16th Annual Research Forum.
- *Riddle, J. L., Dagenais, P. A., & Adams, E. M. (2008). *The effects of reverberation upon acceptability and intelligibility of dysarthric speech*. Poster presentation at the University of South Alabama Undergraduate Research Forum.
- Note: Student co-authors are indicated with an asterisk

INVITED COMMUNITY PRESENTATIONS

- Adams, E. M. (2008). *Speech perception and production in patients with cochlear implants*. Bay Area Speech and Hearing Association Mini-conference, Mobile, AL.

EXTRAMURAL GRANTS SUBMITTED

American Speech-Language-Hearing Association 2008 Research Grant Competition for New Investigators (submitted 2008, unfunded) \$5000.00, *Effects of reverberation on speech perception in noise in adults with normal hearing and hearing impairment.*
PI – Elizabeth M. Adams

INTRAMURAL GRANTS SUBMITTED

University of South Alabama University Committee on Undergraduate Research (awarded 2008, April) \$1200.00, *Effects of reverberation upon the perception of dysarthric speech.*
PI – Paul A. Dagenais
Co-PI – Elizabeth M. Adams

University of South Alabama Research Council intramural research grant (awarded 2007, March) \$5000.00, *Effect of reverberation on acceptable noise level.*
PI – Elizabeth M. Adams

HONORS AND AWARDS

American Speech-Language-Hearing Association, Convention registration waiver award for outstanding proposal submission (2007)
2004-2005 Outstanding Doctoral Dissertation, University of South Alabama
Outstanding Doctoral Student, Department of Speech Pathology & Audiology, University of South Alabama (2004)
Outstanding Audiology Student, Professional Audiology Society of Alabama (2001)

INSTRUCTION

Assistant Professor, University of South Alabama, 2006 - present

Annual Courses Developed and Taught

AUD 630 Electroacoustic Characteristics of Amplification Systems (Summer 2007 - 2011)
AUD 631 Selection and Fitting of Amplification Systems (Fall 2006 - 2011)
AUD 633 Advanced Sensory Aids (Fall 2006, 2008 - 2011)
AUD 646 Pediatric Audiologic Habilitation (Spring 2007, 2008, 2010, Summer 2011)
AUD 650 Vestibular Assessment and Treatment (Spring 2007, 2008, 2010, 2011)

Additional Courses Developed and Taught

AHP 101 Freshman Seminar for Allied Health Professions (Fall 2007, 2008)
AUD 622 Medical Audiology (Spring 2007)
AUD 652 Educational Audiology (Summer 2009)
CSD 694 Directed Study Acceptable Noise Levels (Summer 2007)
CSD 694 Directed Study Advanced Cochlear Implants (Summer 2007, Spring 2010)
CSD 694 Directed Study Classroom Amplification (Fall 2007)
CSD 694 Directed Study Current Hearing Aid Technology (Summer 2008)
CSD 694 Directed Study Reverberant Versions of the QuickSIN & R-SPIN (Fall 2008)
CSD 694 Directed Study Reverberation (Summer 2009)
CSD 694 Directed Study Speech Processing (Fall 2009)
CSD 694 Directed Study Counseling (Fall 2010)
CSD 694 Directed Study Pediatric Hearing Loss (Fall 2011)

CSD 695 Directed Research Rate-altered QuickSIN (Spring 2009)
CSD 695 Directed Research Speech in Reverberation (Fall 2009)
CSD 695 Directed Research Parental Counseling for Cochlear Implants (Summer 2011)
CSD 698 Professional Practicum–Teaching, Medical Audiology (Fall 2007, Spring 2007)
CSD 698 Professional Practicum–Teaching, Pediatric Audiologic Habilitation (Fall 2007, Spring 2008)
CSD 698 Professional Practicum–Teaching, Electroacoustic Characteristics of Amplification Systems (Spring 2010, Summer 2010)

*Note: CSD courses directly resulting in the completion of pre-dissertation projects are not listed here

Guest Lectures

Amplification Options for Auditory Disorders, USA Dept of Speech Pathology and Audiology, Introduction to Communication Disorders SHS 291 (Fall 2007, 2009, 2010)
Referral of Pediatric and Adult Patients for Audiologic Services, USA Dept of Physician Assistant Studies (Fall 2008, 2009, 2010, 2011)
Introduction to Vestibular Assessment & Disorders, USA Dept of Speech Pathology and Audiology, Audiology II SHS 474 (Spring 2008)
Techniques in Auditory Verbal Therapy, USA Dept of Speech Pathology and Audiology, Graduate Audiology for Speech-Language Pathologists SLP 588 (Spring 2008)
Cochlear Implants, USA Dept of Speech Pathology and Audiology, Audiology II SHS 474 (March 2003)

STUDENT RESEARCH DIRECTION

Committee Chair – Doctoral Pre-dissertation Projects

Overschmidt, C. (prospectus approved). *Acceptable noise level as a predictive measure in hearing aid use and rejection*. Doctoral pre-dissertation project, University of South Alabama.

Morlas, H. (2010, April). *Effects of reverberation on QuickSIN and R-SPIN in young adults with normal hearing*. Doctoral pre-dissertation project, University of South Alabama.

Committee Member – Doctoral Dissertations and Pre-dissertation Projects

Jones, A.L. (2010, March). *Acceptable noise levels and speech perception in noise for children with normal hearing and hearing loss*. Doctoral dissertation, University of South Alabama.

Committee Chair: Robert Moore

Horne, A. (2010, March), *The influence of locus of control and self control on acceptable noise levels*. Doctoral dissertation, University of South Alabama.

Committee Chair: Susan Gordon-Hickey

Dockens, A. (2010, July). *The effect of gender on comfortable loudness levels and acceptable noise levels in young normal hearing listeners*. Doctoral pre-dissertation project, University of South Alabama.

Committee Chair: Susan Gordon-Hickey

Horne, A.C. (2007, June). *N400 in females with high and low acceptable noise levels*. Doctoral pre-dissertation project, University of South Alabama.

Committee Chair: Michael Carpenter

Jones, A.L. (2007, May). *The effect of noise in the home on acceptable noise levels in children*. Doctoral pre-dissertation project, University of South Alabama.

Committee Chair: Robert Moore

Gordon-Hickey, S. (2007, May). *Effect of speaker gender, background noise composition, and listener gender on acceptable noise levels*. Doctoral dissertation, University of South Alabama.
Committee Chair: Robert Moore

Committee Member – Master’s Theses

White, A. (2011, prospectus approved). *Effects of linguistic content and speech production clarity on auditory comprehension by people with aphasia*. Master’s thesis, University of South Alabama.
Committee Chair: Kelli Evans

Smith, J. (2011, prospectus approved). *A comparison of intelligibility, comprehensibility and acceptability of dysarthric speech using dialectical speakers and listeners*. Master’s thesis, University of South Alabama.
Committee Chair: Paul Dagenais

Poole, R. (2011, April). *Comparison of intelligibility, comprehensibility, and acceptability of dysarthric speech by older & younger adults*. Master’s thesis, University of South Alabama.
Committee Chair: Paul Dagenais

Adlington, L. (2010, February). *A comparison of intelligibility, comprehensibility, and acceptability of dysarthric speech by younger and older normal adults*. Master’s thesis, University of South Alabama.
Committee Chair: Paul Dagenais

INVITED REVIEW OPPORTUNITIES

Professional Textbook Reviews

Myers, B.L. *Vestibular Learning Manual*. In *International Journal of Audiology*. (submitted, 2012)

Valente, M., Sarli, C.C., Valente, L.M., Amlani, A.M., Oeding, K., Finnell, J., Walden, T., & Huart, S. *The Audiology Capstone: Research, Presentation, and Publication*. In *Ear and Hearing*. (submitted, 2012)

Professional Textbook Proposal Reviews

Smaldino, J.J. & Flexer, C. *Handbook of Acoustic Accessibility: Best Practices for Listening, Learning, and Literacy in the Classroom*. Thieme Publishers. (2011)

Correcting Communication Difficulties with Hearing Aids. Jones & Bartlett Publishers. (2009)

Self-study Program Reviews

Zaugg, T., Henry, J., & Myers, P. *Progressive Audiologic Tinnitus Management*, American Speech-Language-Hearing Association self-study program. (2010)

Humes, L. *Hearing Aid Outcomes in Older Adults*, American Speech-Language-Hearing Association self-study program. (2010)

Award Application Reviews

Audiology/Hearing Science Research Travel Award (ARTA), American Speech-Language-Hearing Association. (2008, 2009, 2010)

SELECTED CONTINUING EDUCATION & WORKSHOPS

Professional Development

American Speech-Language-Hearing Association annual convention	Nov 2006
	Nov 2007
	Nov 2009

Alabama Academy of Audiology annual convention	Oct 2010
	Sept 2011
<i>The Era Platform</i> , Unitron, A. Penhale	June 2011
<i>Balance Function Testing</i> , G. Jacobson	Sept 2008
<i>Exelia & Naida-Hearing Solutions for a Full Life Experience</i> , Phonak	March 2008
<i>Hanen University Program: It Takes Two to Talk</i> , T. Stephan	Feb 2008
<i>Practical Advice for Pediatric Hearing Aid Fitting</i> , J. Christensen	May 2007
<i>Unitron ITE Repair & Modification Workshop</i> , M. Phillips	April 2007
<i>Audition: Why, What, Who/When, and How</i> , Alabama Ear Institute	March 2007
<i>Ion: The Art of Open Ear Fittings</i> , Sonic Innovations	March 2006
Phonak Factory Tour and Savia Training	Oct 2005
<i>Metrix: Introduction</i> , GN Resound	June 2005
<i>Acuris Life/Connexx 5.1</i> , Siemens	May 2005
Cochlear Advanced Training Workshop	Feb 2005

Teaching Enhancement

The Big Picture, Using eCollege, B. Litchfield & J. Dempsey	Oct 2009
Freshman Seminar Faculty Development Workshop	May 2008
Wikis, Blogs, & Podcasts – Oh My! Using Web 2.0 Tools in Your Instruction & Clinical Practice, J. Burnham	July 2007
Motivating Students Seminar, B. Litchfield	Feb 2007
Classroom Assessment & Evaluation, A. Zakharova	Nov 2006
Problem Solving & Critical Thinking, B. Litchfield	Oct 2006
Class Management & Plagiarism Seminar, A. Zakharova	Oct 2006
Course Design & Development, B. Litchfield	Sept 2006

Research Development

Grant Basics I	Oct 2011
The NIH Application Review: Understanding This Process	Aug 2011
Responsible Authorship and Publication	Mar 2010
Collaborations and Team Science	June 2009
Basic Funding Opportunities	Sept 2007

SERVICE

University-level Service

- University Fringe Benefits Committee, 2010 - 2011
- Faculty Senate Representative, 2009 - present
 - Caucus Leader, College of Allied Health Professions, 2009-2010
 - Salary & Fringe Benefits subcommittee Chair, 2010-2011
- University Writing Committee, 2007 - present

College-level Service

- Dean's Advisory Council, 2009 - present
- Biomedical Library Liaison, department representative, 2007 - present
- Faculty-Staff Annual Fund, department representative, 2006 - 2008

Departmental Service

Speech Pathology & Audiology Scholarship & Award Committee, chair 2009 - present
Capital Expenditure Committee, member, 2010 - present
National Student Speech-Language-Hearing Association Advisor, 2007 - 2011
Committee for Special Events, member 2008 - 2011
Continuing Education Unit Provision Committee, member 2008 - 2010
Committee for Alumni Affairs, member 2008 - 2010
committee chair 2006 - 2008
Committee for Clinical Policies & Procedures, member 2006 - 2009
Faculty Search Committees
Audiology Faculty Search Committee, committee chair 2009
Audiology Faculty Search Committee, member 2008 - 2009
Speech-Language Pathology Faculty Search Committee, member 2007 - 2008
Committee for Recruitment & Retention, member 2007 - 2008
Graduate Recognition Ceremony Committee, member 2006 - 2007
Department of Speech Pathology & Audiology 40th Anniversary Commemoration Committee, chair
2006