# JENNIFER JONES LISTER

Associate Dean and Professor
University of South Florida
College of Behavioral and Community Sciences
13301 Bruce B. Downs Blvd., MHC 1110
Tampa, FL 33612
(813) 974-9712
jlister@usf.edu

## EDUCATION

**Doctor of Philosophy in Communication Sciences and Disorders**
University of South Alabama, Mobile, Alabama 1999
Dissertation: "Effects of age and reverberation on binaural gap duration discrimination"

**Bachelor of Science in Speech and Hearing Sciences**
University of South Alabama, Mobile, Alabama 1995

## CERTIFICATION & LICENSURE

Certificate of Clinical Competence in Audiology, American Speech, Language, and Hearing Association (1999-Present)
Fellow of the American Academy of Audiology (1999-Present)
Licensed Audiologist, State of Florida Department of Health (2000-Present)

## PROFESSIONAL EXPERIENCE

**Associate Dean** (2020-Present)
College of Behavioral and Community Sciences
University of South Florida, Tampa, FL

**Associate Dean** (2017-2020)
Undergraduate Studies
University of South Florida, Tampa, FL

**Chair** (2015-2017)
Department of Communication Sciences and Disorders
University of South Florida, Tampa, FL

**Interim Chair** (2014-2015)
Department of Communication Sciences and Disorders
University of South Florida, Tampa, FL

**Associate Member** (2013-Present)
USF Health Byrd Alzheimer's Institute
University of South Florida, Tampa, FL

**Professor** (2012-Present)
Department of Communication Sciences and Disorders
University of South Florida, Tampa, FL

**Courtesy Professor** (2011-Present)
School of Aging Studies
University of South Florida, Tampa, FL

**Audiology Graduate Program Director** (2006-2014; 2017)
Department of Communication Sciences and Disorders

University of South Florida, Tampa, FL
**Interim Audiology Graduate Program Director** (2005-2006)
Department of Communication Sciences and Disorders
University of South Florida, Tampa, FL
**Associate Professor** (2005-2012)
Department of Communication Sciences and Disorders
University of South Florida, Tampa, FL
**Assistant Professor** (1999-2005)
Department of Communication Sciences and Disorders
University of South Florida, Tampa, FL
**Research Scientist** (2002-2004)
Utility Measures for Audiological Assessment
Software Development Project Funded by Bay Pines VA Hospital
**Research Scientist** (2002-2003)
Willingness to Pay for Advanced Hearing Aid Technology
Research Project Funded by Qualitone Hearing Instruments
**Research Assistant** (1995-1999)
Department of Speech Pathology and Audiology
University of South Alabama, Mobile, AL
**Clinical Fellow in Audiology** (1997-1999)
Speech and Hearing Center
University of South Alabama, Mobile, AL
**Clinical Fellow in Audiology** (1997-1999)
Premier Medical ENT Group, Mobile, AL

**PEER REVIEWED JOURNAL ARTICLES** (names of Dr. Lister's students are underlined)

McCollaum, B., **Lister, J.J.,** & Atchley, P. (under review). Measuring impact on global citizenship in higher education using the USF Global Competency Test. *Frontiers in Education.*

Bell, K., **Lister, J.J.**, O'Brien, J.L., Harrison Bush, A.L., & Edwards, J.D. (2021). Cognitive event-related potentials differentiate older adults with and without probable mild cognitive impairment. *Experimental Aging Research, 47*(2)*,* 145-164, https://doi.org/10.1080/0361073X.2020.1861838

Valdes, E.G., Andel, R., **Lister, J.J.,** Gamaldo, A., & Edwards, J.D. (2019). Can cognitive speed of processing training improve everyday functioning in older adults with psychometrically defined mild cognitive impairment? *Journal of Aging and Health, 31*(4), 595-610. https://doi.org/10.1177/0898264317738828

O'Brien, J.L., **Lister, J.J.,** Fausto, B.A., Morgan, D.G., Andel, R., & Edwards, J.D. (2020). Are auditory processing and cognitive performance assessments overlapping or distinct? Parsing the auditory behavior of older adults. *International Journal of Audiology, 60*(2), 123-132. https://doi.org/10.1080/14992027.2020.1791366

Hudak, E., Bugos, J., Andel, R., **Lister, J.J.,** Ji, M., & Edwards, J. (2019). Keys to Staying Sharp: A Randomized Clinical Trial of Piano Training Among Older Adults with and without Mild Cognitive Impairment. *Contemporary Clinical Trials, 84,*105789 https://doi.org/10.1016/j.cct.2019.06.003

Mitchell, S., Swayne, H., Fulton, K.A., & **Lister, J.J.** (2020). Infusing the UN sustainable development goals into a global learning initiative. *International Journal of Development Education and Global Learning, 12(*2), 92-105. doi: 10.14324/IJDEGL.12.2.02

Buján Mera, A., **Lister, J.J.,** O'Brien, J.L., & Edwards, J.D. (2020). Cortical auditory evoked potentials in mild cognitive impairment: Evidence from a temporal-spatial principal component analysis. *Psychophysiology, 56*(2), e13466. https://doi.org/10.1111/psyp.13466

Hudak, E.M., Edwards, J.D., Andel, R., **Lister, J.J.,** McEvoy, C.L., & Ruva, C.L. (2019). The comparative effects of two cognitive interventions among older adults residing in retirement communities*. Journal of Cognitive Enhancement, 3(*4), 349-358. https://doi.org/10.1007/s41465-019-00125-8.

Fausto, B.A., Badana, A.N.S., Arnold, M.L., **Lister, J.J.,** & Edwards, J.D. (2018). Comparison of subjective and objective measures of hearing, auditory processing, and cognition among older adults with and without mild cognitive impairment. *Journal of Speech, Language, Hearing Research, 61*(4), 945-956*.* https://doi.org/10.1044/2017_JSLHR-H-17-0263

O'Brien, J.L., **Lister, J.J.,** Fausto, B.A., Clifton, G.K., & Edwards, J.D. (2017). Cognitive training enhances auditory attention efficiency in older adults. *Frontiers in Aging Neuroscience, 9,* 322*.* https//doi.org/10.3389/fnagi.2017.00322

Edwards, J.D., **Lister, J.J.,** Elias, M.N., Tetlow, A.M., Sardina, A.L., Sadeq, N.A., Brandino, A.D. & Harrison Bush, A.L. (2017). Auditory processing of older adults with probable mild cognitive impairment. *Journal of Speech Language Hearing Research, 60*(5), 1427–1435*.* https://doi.org/10.1044/2016_JSLHR-H-16-0066

Maxfield, N.D., Olsen, W., Kleinman, D., Frisch, S., Ferreira, V., & **Lister, J.J.** (2016). Attentional demands of language production in adults who stutter. *Clinical Neurophysiology, 127,* 1942-1960.

Edwards, J.D., **Lister, J.J.,** Lin, F.R., Andel, R., Brown, L.M., & Wood, J. (2016). Association of hearing impairment and subsequent driving mobility in older adults. *The Gerontologist, 57*(4), 767-775. https://doi.org/10.1093/geront/gnw009

**Lister, J.J.,** Harrison Bush, A.L., Andel, R., Matthews, C., Morgan, D., & Edwards, J.D. (2016). Cortical auditory evoked responses of older adults with and without probable mild cognitive impairment. *Clinical Neurophysiology, 127*(2)*,* 1279-1287. https://doi.org/10.1016/j.clinph.2015.11.007

O'Brien, J.L., Nikjeh, D., & **Lister, J.J.** (2015). Interaction of musicianship and aging: A comparison of cortical auditory evoked potentials. *Behavioural Neurology*, *2015,* 545917. https://doi.org/10.1155/2015/545917.

Fulton, S., **Lister, J.J.**, Harrison Bush, A., Edwards, J., & Andel, R. (2015). Mechanisms of the hearing-cognition relationship. *Seminars in Hearing, 36*(3), 140-149. https://doi.org/10.1055/s-0035-1555117. **Invited Review.**

O'Brien, J.L., **Lister, J.J.**, Peronto, C.L., & Edwards, J.D. (2015). Perceptual and cognitive neural correlates of the useful field of view test in older adults. *Brain Research, 1624*, 167-174*.* https://doi.org/10.1016/j.brainres.2015.07.032

Harrison Bush, A. L., **Lister, J.J.,** Lin, F. R., Betz, J., & Edwards, J. D. (2015). Peripheral hearing and cognition: Evidence from the Staying Keen in Later Life (SKILL) Study. *Ear & Hearing, 36*(4), 395-407. https://doi.org/10.1097/aud.0000000000000142

Edwards, J.D., Valdés, E., Peronto, C., Castora-Binkley, M., Alwerdt, J., Andel, R., **Lister, J.J**. (2015). The efficacy of Insight cognitive training to improve Useful Field of View performance: A Brief Report. *Journal of Gerontology Series B: Psychological Sciences*

*and Social Sciences, 70*(3), 417-422. https://doi.org/10.1093/geronb/gbt113

O'Brien, J.L., Edwards, J.D., Maxfield, N.D., Peronto, C.L., Williams, V.A. & **Lister, J.J**. (2013). Cognitive training and selective attention in the aging brain: An electrophysiological study. *Clinical Neurophysiology, 124*(11), 2198-208. https://doi.org/10.1016/j.clinph.2013.05.012

Edwards, J., Ruva, C., O'Brien, J., Haley, C., & **Lister, J.J.** (2013). An examination of mediators of the transfer of cognitive speed of processing training to everyday functional performance. *Psychology and Aging*, *28*(2), 314-321. https://doi.org/10.1037/a0030474.

Humes, L., Dubno, J., Gordon-Salant, S., **Lister, J.J.,** Cacace, A., Cruickshanks, K., Gates, G., Wilson, R., & Wingfield, A. (2012). Central presbycusis: A review and evaluation of the evidence: Report from the Academy Task Force on Central Presbycusis. *Journal of the American Academy of Audiology*, *23*(8), 635–666. https://doi.org/10.3766/jaaa.23.8.5

**Lister, J.J.,** Roberts, R., Krause, J., DeBiase, D., & Carlson, H. (2011). An adaptive clinical test of temporal resolution: Within-channel and across-channel gap detection. *International Journal of Audiology, 50(*6), 375-384*.* https://doi.org/10.3109/14992027.2010.551217. PMID: 21303227

**Lister, J.J.,** Roberts, R., & Lister, F. (2011). An adaptive clinical test of temporal resolution: Age effects. *International Journal of Audiology, 50(*6), 367-374. https://doi.org/10.3109/14992027.2010.551218. PMID: 21299377

**Lister, J.J.,** Maxfield, N., Pitt, G., & Gonzalez, V. (2011). Auditory evoked response to gaps in noise: Age effects. *International Journal of Audiology, 50*(4), 211–225*.* https://doi.org/10.3109/14992027.2010.526967. PMID: 21385014

Roberts, R., Abrams, H., Sembach, M**., Lister, J.J.,** Gans, R., & Chisolm, T. (2009). Utility measures of health related quality of life in patients treated for benign paroxysmal positional vertigo. *Ear and Hearing, 30(3),* 369-376. PMID: 19322083

Nikjeh, D., **Lister, J.J.**, & Frisch, S. (2009). Pre-attentive cortical evoked responses to pure tones, music, and speech: Influence of music training. *Ear and Hearing, 30*(4), 432-446. https://doi.org/10.1097/aud.0b013e3181a61bf2. PMID: 19494778.

Nikjeh, D., **Lister, J.J.**, & Frisch, S. (2009). The relationship between pitch discrimination and vocal production: Comparison of vocal and instrumental musicians. *Journal of the Acoustical Society of America, 125*(1)*,* 328-338. https://doi.org/10.1121/1.3021309. PMID: 19173420.

Nikjeh, D., **Lister, J.J.,** & Frisch, S. (2008). Hearing of note: An electrophysiologic and psychoacoustic comparison of pitch discrimination between vocal and instrumental musicians. *Psychophysiology, 45*(6), 994-1007. https://doi.org/10.1111/j.1469-8986.2008.00689.x. PMID: 18778322.

**Lister, J.J.,** Maxfield, N., & Pitt, G. (2007). Cortical evoked response to gaps in noise: Within-channel and across-channel conditions. *Ear and Hearing,28*(6)*,* 862-878. https://doi.org/10.3109/14992027.2010.526967. PMID: 17982372.

**Lister, J.J.,** Roberts, R., Shackelford, J., & Rogers, C. (2006). An adaptive clinical test of temporal resolution. *American Journal of Audiology, 15*(2), 133-140*.* https://doi.org/10.1044/1059-0889(2006/017). PMID: 17182878.

Rogers, C., **Lister, J.J.,** Febo, D., Besing, J., & Abrams, H. (2006). Effects of bilingualism, noise, and reverberation on speech perception by listeners with normal hearing. *Applied Psycholinguistics, 27,* 465-485.

Roberts, R., Gans, R., DeBoodt, J., & **Lister, J.J.** (2005). Treatment of benign paroxysmal positional vertigo: Necessity of post-maneuver patient restrictions. *Journal of the American Academy of Audiology, 16(6)*, 357-366. PMID: 16178407.

**Lister, J.J.** & Roberts, R. (2005). Effects of age and hearing loss on gap detection and the precedence effect: Narrow-band stimuli. *Journal of Speech Language and Hearing Research, 48*(2)*,* 482-493. https://doi.org/10.1044/1092-4388(2005/033). PMID: 15989406.

Roberts, R., Gans, R., Kastner, A., & **Lister, J.J.** (2005). Prevalence of vestibulopathy in benign paroxysmal positional vertigo patients with and without prior otologic history. *International Journal of Audiology*, *44*(3), 191-196.

Roberts, R. & **Lister, J.J.** (2004). Effects of age and hearing loss on gap detection and the precedence effect: Broad-band stimuli. *Journal of Speech Language and Hearing Research*, 47(5), 965-978. https://doi.org/10.1044/1092-4388(2004/071). PMID: 15603455.

Aguila-Vinson, M., **Lister, J.J.**, Hnath-Chisolm, T., & Blake-Rahter, P. (2004). Perception of hearing loss by graduate students of speech-language pathology. *Contemporary Issues in Communication Science and Disorders*, 31, 205-214.

**Lister, J.J.** & Tarver, K. (2004). Effect of age on silent gap discrimination in synthetic speech stimuli. *Journal of Speech Language and Hearing Research,* 47(2), 257-268. https://doi.org/10.1044/1092-4388(2004/021). PMID: 15157128.

Hnath-Chisolm, T., Willott, J., & **Lister, J.J.** (2003). The aging auditory system: Anatomic and physiologic changes and implications for rehabilitation. *International Journal of Audiology,42*(Suppl 2)*,* 2S3-2S10. PMID: 12918622.

**Lister, J.J.**, Besing, J., & Koehnke, J. (2002). Effects of age and frequency disparity on gap duration discrimination. *Journal of the Acoustical Society of America, 111*(6)*,* 2793-2800. https://doi.org/10.1121/1.1476685. PMID: 12083214.

Willott, J., Hnath-Chisolm, T., & **Lister, J.J.** (2001). Modulation of presbycusis: current status and future directions. *Audiology and Neuro-Otology*, *6(5)*, 231-249. https://doi.org/10.1159/000046129. PMID: 11729326

**Lister, J.J.**, Koehnke, J., & Besing, J. (2000). Binaural gap duration discrimination in listeners with impaired hearing and normal hearing. *Ear and Hearing, 21*(2), 141-150. https://doi.org/10.1097/00003446-200004000-00008. PMID: 10777021

## PUBLISHED BOOK REVIEWS

**Lister, J.** (2004). Book review of *Mathematics and Physics for Speech and Hearing: A Problem-Based Approach.* D. Eddins, D. Kewley-Port, & P.E. Kehle, Clifton Park, NY: Thompson Delmar Publishing, in *Ear and Hearing*, *25*(6), 624-625.

**Lister, J.** (2000). Book review of *Fundamentals of Electronics for Speech-Language Pathologists and Audiologists*. F. Silverman, Needham Heights, MA: Allyn and Bacon, in *Ear and Hearing*, *21*(5), 536-537.

**Lister, J.** (1997). Book review of *A Basic Introduction to Speech Perception: Speech Science Series*. J. Ryalls, San Diego, CA: Singular Publishing Group, Inc., in *Ear and Hearing*, *18 (6)*, 537-538.

## OTHER PUBLICATIONS (names of Dr. Lister's students are underlined)

**Lister, J.J.,** Harrison Bush, A., & O'Brien, J.L. (2019). Recognizing cognitive impairment

during hearing care. *The ASHA Leader*, *24*(7), July 2019. https://doi.org/10.1044/leader.AEA.24072019.20

Crais, E., **Lister, J. J.,** Tellis, G., & Nunez, L. (2018). Recruiting, Retaining, and Graduating PhD Students: Practical Ideas from 73 CSD PhD Program Coordinators. *Perspectives of the ASHA Special Interest Groups, 3*(10). https://doi.org/10.1044/persp3.SIG10.4

**Lister, J.J.** and Edwards, J.D. (2017). Lose your hearing, lose your mind? The relationship between hearing and cognition. *The ASHA Leader, 22*(62), July 2017. https://doi.org/10.1044/leader.AN2.22072017.62

Fulton, S.E. & **Lister, J.J.** (2017). Marking time: The precise measurement of auditory gap detection across the lifespan. *Proceedings of Meetings on Acoustics, 29*, 050003. https://doi.org/10.1121/2.0000466.

**Lister, J.J.,** & Edwards, J.D. (2017). Lose your hearing, lose your mind? The relationship between hearing and cognition. *Access Audiology*, July.

Fausto, B., **Lister, J.J.,** & Edwards, J.D. (2016). Do individuals with hearing loss change their driving habits over time? *Atlas of Science,* July 20.

Crais, E., Nunez, L., Bentler, R., Eddins, A.C., Folsom, R., Gillam, R., Hewitt, L., **Lister, J. J.,** Nelson, M.D., Simpson, J., Tellis, G., Rogers, M., Cone, B., & Williams, A.L. (2016). *Ph.D. Programs in Communication Sciences and Disorders: Innovative Models and Practices*. https://www.asha.org/siteassets/reports/2016-phd-programs-in-csd-report.pdf

Crais, E., Nunez, L., Bentler, R., DiLollo, A., Folsom, R., Gillam, R., Hewitt, L., **Lister, J. J.,** Nittrouer, S., Simpson, J., Chapman, K.L., Honaker, J., Koehnke, J., McNeil, M., Rogers, M., Cone, B., & Robinson, S. (2015). *The Role of Undergraduate Education in Communication Sciences and Disorders.* https://www.asha.org/siteassets/reports/aab-report-role-undergrad-ed-csd.pdf

Koehnke, J., **Lister, J.J,** & Wambacq, I. (2015). Already gone. *The ASHA Leader*, *20*(6). June 2015. https://doi.org/10.1044/leader.FTR1.20062015.38

Nikjeh, D. & **Lister, J**. (2012). Influence of music training on pre-attentive auditory-neural processing across the lifespan. *Perspectives of the ASHA Special Interest Groups, 16*(2). https://doi.org/10.1044/hhd16.2.47

Tracy, S., **Lister, J.,** & Nikjeh, D. (2009). The effects of Anodyne Therapy on objective and subjective auditory function of adults with hearing loss. Florida Academy of Audiology *Advocate*.

**Lister, J.** (2006). Clinical research at USF – A new addition to the auditory processing test battery: the Adaptive Tests of Temporal Resolution. *Florida Academy of Audiology Advocate, 8*(4), 11-12.

Block, M., Chisolm, T., Abrams, H., **Lister, J.**, & Roberts, R. (2003). The perceived value of advanced hearing aid technology. *The ASHA Leader, 8*(15), 85.

**Lister, J.** & Zelski, R. (2001). Six new Doctors of Audiology from USF. *Audiology Online* and *Hearing Review*.

## PROFESSIONAL PRESENTATIONS (names of Dr. Lister's students are underlined)

**Lister, J.J.,** Julbe-Delgado, D., Harrison Bush, A.L., & O'Brien, J.L. (2019). *Hearing and cognition: Relationships and implications for practice*. American Speech-Language-Hearing Association Convention, Orlando, FL. ***Invited Talk.***

Crais, E., Nunez, L., & **Lister, J.J.** (2019). *CSD Ph.D. graduates' and faculty members' solutions for recruiting, retaining, and graduating Ph.D. students*. American Speech-Language-Hearing Association Convention, Orlando, FL.

Edwards, J.D., Andel, R., Bugos, J., Hudak, E.M., & **Lister, J.J.** (2019). *Keys to Staying Sharp: Clinical Trial Protocol*. Aging and Cognition, Zurich, Switzerland.

Bell, K., O'Brien, J.L., & **Lister, J.J.** (2019*). P3b Responses in Older Adults with Probable Mild Cognitive Impairment*. American Academy of Audiology Convention, Columbus, OH.

**Lister, J.J.,** Buján Mera, A., & Edwards, J.D. (2018). *Cortical auditory evoked potentials in older adults: the consequences of mild cognitive impairment.* Hearing Across the Lifespan (HEAL), Cernobbio, Lake Como, Italy.

**Lister, J.J.,** O'Brien, J.L., & Edwards, J.D. (2018). *Auditory processing disorder or cognitive impairment? Parsing the auditory behavior of older adults*. Hearing Across the Lifespan (HEAL), Cernobbio, Lake Como, Italy.

**Lister, J.J.,** Yee, K., Fulton, K., McCollaum, B., & Mitchell, S. (2018). *Defining and Measuring Global Competence: Lessons Learned Midway Through USF's Global Citizens Project*. International Perspectives on University Teaching and Learning, Orlando, FL.

O'Brien, J.L., **Lister, J.J.,** Fausto, B.A., Clifton, G.K., & Edwards, J.D. (2017). *Cognitive training enhances auditory attention efficiency in older adults*. 7th International and Interdisciplinary Aging and Speech Communication Research Conference, Tampa, FL.

Tiamiyu, K., **Lister, J.J.,** Harrison Bush, A.L., Andel, R., Steiner, R., & Edwards, J.D. (2017). *The relationship between memory and auditory-evoked potentials in older adults*. USF Undergraduate Research and Arts Colloquium, Tampa, FL.

Lowenberg, A., **Lister, J.J.,** & Harrison Bush, A.L. (2017). *Reliability of the P3b ERP in older adults with and without mild cognitive impairment.* American Academy of Audiology Convention, Indianapolis, IN.

Crais, E., Hewitt, L., Nunez, L., Bentler, R., Gillam, R., **Lister, J. J.,** Nelson, D., Simpson, J., Tellis, G., & Folsom, R. (2017). *Enhancing Ph.D. Preparation: Perceptions from 73 CSD Ph.D. Program Coordinators*. Council of Academic Programs in Communication Sciences and Disorders Conference, New Orleans, LA.

Luque, J.S., Maxfield, N.D., **Lister, J.J.,** & Rogers, C.L. (2016). *Clear speech benefits for perception of center-only and edge-only syllables*. 171st Meeting of the Acoustical Society of America, Salt Lake City, UT.

**Lister, J.J.** & Fulton, S.E. (2016). *Marking time: the precise measurement of auditory gap detection across the lifespan.* 5th Joint Meeting of the Acoustical Society of America and Acoustical Society of Japan, Honolulu Hawaii. ***Invited Talk.***

**Lister, J.J.,** Harrison Bush, A.L., Matthews, C.R., Conter, R., & Edwards, J.D. (2016). *Cortical auditory evoked potentials: indicators of early-stage cognitive impairment.* American Speech Language Hearing Association Conference, Philadelphia, PA.

Crais, E., Hewitt, L., **Lister, J.J.,** & Bentler, R. (2016). *Enhancing Ph.D. Preparation through Shared Ideas Across CSD Programs*. American Speech Language Hearing Association Conference, Philadelphia, PA.

Arnold, M.L., Fausto, B., Badana, A., Edwards, J.D., & **Lister, J.J.** (2016). *Comparison of subjective and objective measures of hearing and cognition among older adults with and without Mild Cognitive Impairment.* World Congress of Audiology, Vancouver, BC.

Asta, A., **Lister, J.J.,** Harrison Bush, A.L., Andel, R., Matthews, C.R., & Edwards, J.D. (2016). *Cortical auditory evoked responses of older adults with and without probable Mild Cognitive Impairment*. Florida Undergraduate Research Conference, University of Tampa, FL.

Valdes, E.G., Andel, R., **Lister, J.J.,** Gamaldo, A.A., Harrison Bush, A.L., & Edwards, J.D. (2016). *The efficacy of cognitive speed of processing training among older adults with psychometrically defined Mild Cognitive Impairment*. Alzheimer's Association International Conference, Toronto, ON

Matthews, C.R., **Lister, J.J.,** Harrison Bush, A.L., & Edwards, J.D. (2015). *The fronto-polar N1 event-related potential of older adults with and without probable mild cognitive impairment*. Aging and Speech Communication: An International and Interdisciplinary Conference, Bloomington, IN.

**Lister, J.J.,** Harrison Bush, A.L., Edwards, J.D., & Andel, R. (2015). *Temporal resolution across the lifespan.* New Jersey Academy of Audiology Conference, Newark, NJ. ***Invited Keynote***

**Lister, J.J.,** Harrison Bush, A.L., Edwards, J.D., & Andel, R. (2015). *The hearing-cognition relationship*. New Jersey Academy of Audiology Conference, Newark, NJ. ***Invited Keynote***

Edwards, J.D., **Lister, J.J.,** Lin, F.R., Andel, A., Brown, L. & Wood, J. (2015). *Association of hearing impairment and subsequent driving mobility in older adults*. Annual Meeting of the Gerontological Society of America, Orlando, FL.

Elias, M., Harrison Bush, A.L., Brandino, A., Tetlow, A., Sadeq, N.A., Sardina, A., **Lister, J.J.,** Edwards, J.D. (2015). *Central Auditory Processing and Mild Cognitive Impairment in Older Adults*. Gerontological Society of America, Orlando, FL.

Edwards, J.D., O'Brien, J.L., Andel, R., & **Lister, J.J.** (2015). *Mechanisms of Effective Cognitive Training to Improve Everyday Function.* Society for Applied Research in Memory and Cognition, Victoria, BC, Canada.

Asta, A., **Lister, J.J**., Brandino, A.D., Clifton, G.K., O'Brien, J.L., Eddins, A.C., Harrison Bush, A.L., Andel, R., & Edwards, J.D. (2015). *The effects of Brain Fitness™ auditory-based cognitive training program on ERP component P3b in older adults*. Columbia University Research Symposium, New York City, New York.

Sadeq, N.A., **Lister, J.J.,** Harrison Bush, A.L., Andel, R., Matthews, C.R., Morgan, D., & Edwards, J.D. (2015). *Cortical Auditory Evoked Responses of Older Adults with and without Probable Mild Cognitive Impairment*. Alzheimer's Association International Conference, Washington, DC.

Asta, A., **Lister, J.J**., Harrison Bush, A.L., Andel, R., Matthews, C.R., & Edwards, J.D. (2015). *Cortical Auditory Evoked Responses of Older Adults with and without Mild Cognitive Impairment.* Poster presented at the University of South Florida 2015 Undergraduate Research Symposium, Tampa, FL.

Edwards, J.D., **Lister, J.J.,** & O'Brien, J.L. (2015). *Neurophysiological indicators of UFOV performance and InSight® cognitive training gains*. Invited talk presented at Post Science, Inc. San Francisco, CA.

**Lister, J.,** Harrison Bush, A., Edwards, J., & Andel, R. (2014). *The Hearing-Cognition Relationship: A Comprehensive Prospective Study*. American Speech-Language-Hearing Association conference, Orlando, FL.

**Lister, J.,** Harrison Bush, A., Edwards, J.D., & Andel, R. (2014). *The Hearing-Cognition Relationship and Auditory (Brain) Training*. **Invited speaker.** American Academy of

Audiology, eAudiology Web Seminar. Also presented at Florida Academy of Audiology conference, Ft. Myers, FL.

Andel, R., Patel, D., **Lister, J.**, & Edwards, J. (2014). *Association between Auditory and Visual Processing in Older Adults*. Cognitive Aging Conference, Atlanta, GA.

Valdés, E. G., Matthews, C., Brandino, A., **Lister, J.**, Andel, R., Harrison Bush, A., & Edwards, J. (2014). *Central Auditory Processing in Older Adults with and without Mild Cognitive Impairment*. Cognitive Aging Conference, Atlanta, GA.

Fluegel, B., **Lister, J.**, Brandino, A., Clifton, G., O'Brien, J., Eddins, A., Harrison Bush, A., Andel, R., & Edwards, J. (2014). *Effects of Auditory-Cognitive Training on ERPs in Older Adults.* Cognitive Aging Conference, Atlanta, GA.

Valdes, O., Maharaj, S., **Lister, J.,** Andel, R., Valdés, E., & Edwards, J. (2014). *Cognitive and Hearing Self-Perceptions of Older Adults with and without Mild Cognitive Impairment*. Cognitive Aging Conference, Atlanta, GA.

Matthews, C., **Lister, J.**, Edwards, J., Lin, F., Betz, J., & Harrison Bush, A. (2014). *Hearing and Cognition: Evidence From the Staying Keen in Later Life (SKILL) Study*. American Academy of Audiology conference, Orlando, FL.

Brandino, A., Matthews, C., Valdés, E., **Lister, J.,** Harrison Bush, A., Andel, R., & Edwards, J. (2014). *Central and Peripheral Auditory Processing in Older Adults with and without Mild Cognitive Impairment*. American Academy of Audiology conference, Orlando, FL.

Fluegel, B., Matthews, C., Harrison Bush, A., **Lister, J.**, Edwards, J., & Andel, R. (2014). *Neurophysiological Indicators of Early-Stage Cognitive Decline*. American Academy of Audiology conference, Orlando, FL. Recipient of the American Academy of Audiology **James Jerger Award for Excellence in Student Research**. Also presented at Cognitive Aging Conference, Atlanta, GA. Also presented at University of South Florida Undergraduate Research Symposium, Tampa, FL.

Williams-Sanchez, V., Maxfield, N., Chisolm, T., McArdle, R., & **Lister, J.** (2014*). Neural and behavioral correlates of speech-in-noise: A look at top-down and bottom-up processes*. American Academy of Audiology conference, Orlando, FL.

Tetlow, A., Edwards, J., & Lister, J. (2013). *The relationship between hearing and cognition in older adults*. USF Undergraduate Research and Arts Colloquium, Tampa, FL.

Riffel, C., Lister, J., & Maxfield, N. (2013). *Effects of intensive piano training on auditory and cognitive processing in older adults.* USF Undergraduate Research and Arts Colloquium and START-CSD Annual Interdisciplinary Research Symposium, Tampa, FL.

Allen, J., Maxfield, N., & Lister, J. (2013). *Effects of intensive musical education on cognitive abilities in school-age children*. USF Undergraduate Research and Arts Colloquium and START-CSD Annual Interdisciplinary Research Symposium, Tampa, FL.

Clifton, G.K., **Lister, J.,** Eddins, A., Edwards, J., & O'Brien, J. (2013). *The effects of Brain Fitness™ auditory training on P3b amplitude and latency in older adults*. Seventh International Adult Aural Rehabilitation Conference, St. Petersburg Beach, FL.

Edwards, J., O'Brien, J., Peronto, C., & **Lister, J.** (2013). *Underlying mechanisms of Useful Field of View and InSight visual speed of processing training*. Aging and Cognition conference, Dortmund, Germany.

O'Brien, J., Peronto, C., **Lister, J.,** & Edwards, J. (2013). *The effects of brain fitness on auditory and cognitive outcomes: a behavioral and neurophysiological study*. Aging and Cognition conference, Dortmund, Germany.

Gaschler, K., Williams, V., McArdle, R., Wilson, R., & **Lister, J.** (2013). *Memory and speech-*

*in-noise performance as a function of task difficulty in veterans.* American Academy of Audiology conference, Anaheim, CA. ***Jerger Award for Excellence in Student Research.***

Nikjeh, D. & **Lister, J.** (2012). *Preattentive CAEPs: Exploring effects of musicianship and aging.* American Speech-Language-Hearing Association conference, Atlanta, GA. ***Invited Talk.***

McNee, C., Edwards, J., **Lister, J.,** & Muscato, N. (2012). *Auditory training: Is it beneficial?* American Speech-Language-Hearing Association conference, Atlanta, GA. ***Received three awards: Audiology/Hearing Science Research Travel Award, Student Research Travel Award, Meritorious Poster Submission recognition***.

Edwards, J., Ruva, C., Haley, C., O'Brien, J., Hudak, E. & **Lister, J.** (2012). *Divided attention gains mediate transfer of speed of processing training to everyday functioning.* Cognitive Aging conference, Atlanta, GA.

Peronto, C., **Lister, J.,** Clifton, G.K., O'Brien, J., Amato, K., Prickett, T., Saleh, S., Thompson, R., & Edwards, J. (2012). *The effects of Brain Fitness™ cognitive training*. Cognitive Aging conference, Atlanta, GA.

Holmes, Y., **Lister, J.,** Edwards, J., & O'Brien, J. (2012). *The effects of Brain Fitness™ cognitive training on auditory processing speed in older adults*. Undergraduate Research and Arts Colloquium, University of South Florida, Tampa, FL.

Tagarelli, I., **Lister, J.,** Edwards, J., & O'Brien, J. (2012). *Effect of Listening and Communication Enhancement Training (LACE) on gap detection thresholds in older adults as measured using the Adaptive Tests of Temporal Resolution*. Undergraduate Research and Arts Colloquium, University of South Florida, Tampa, FL. ***Excellence in Undergraduate Research Award***

Sparkman, S., Murray, A., **Lister, J.,** Eddins, A., & O'Brien, J. (2012). *Effects of auditory training on P3b in older adult*s. Acoustical Society of America, Florida Chapter meeting, Tampa, FL.

Fulton, S., Littrell, M., & **Lister, J..** (2012). *Gap detection thresholds in children with auditory processing disorder*. Paper presented at the annual meeting of the American Academy of Audiology (Global Perspectives on Central Auditory Processing Disorder Session Conference), Boston, MA.

Peronto, C., Edwards, J., O'Brien, J., & **Lister, J**. (2012). *Neural Correlates of the Useful Field of View Test.* Society for Psychophysiological Research 52nd Annual Meeting, New Orleans, LA.

Edwards, J., O'Brien, J., & **Lister, J**. (2011). *Effective cognitive training techniques enhance everyday performance*. Sharp Brains Virtual Summit: Retooling Brain Health for the 21st Century, online.

**Lister, J.,** Edwards, J., O'Brien, J., Nikjeh, D., and Williams, V. (2011). *Effects of Auditory Training and Music Background: A CAEP Study of Older Adults.* Aging and Speech Communication – An International and Interdisciplinary Conference, Bloomington, IN. ***Invited Talk***

Williams, V., Maxfield, N., **Lister, J.,** and O'Brien, J. (2011). *Behavioral and neural correlates of speech-in-noise perception in older adult listeners.* Aging and Speech Communication – An International and Interdisciplinary Conference, Bloomington, IN.

O'Brien, J.L., Edwards, J.D., Maxfield, N., Williams, V., Peronto, C.L., **Lister, J.J.** (2011). *Effects of cognitive training on speed of processing and attention allocation in older*

*adults.* Society for Psychophysiological Research Conference. Boston, MA.

O'Brien, J., **Lister, J**., Edwards, J., Maxfield, N., Williams, V., Peronto, C., Gagnon, E., Valdes, E., & McNee, C. (2011). *Improving Speed of Processing and Attentional Allocation in Older Adults via Cognitive Training*. Entertainment Software and Cognitive Neurotherapeutics Society (ECoNS) conference, San Francisco, CA.

Peronto, C., Valdés, E., Alwerdt, J., Castora-Binkley, M., Hudak, E., Haley, C., **Lister, J**., & Edwards, J. (2011). *Impact of Insight™ training on Useful Field of View (UFOV) performance*. Gerontological Society of America conference, Boston, MA.

Valdés, E., Hudak, E., Peronto, C., O'Brien, J., Alwerdt, J., **Lister, J.,** & Edwards, J., (2011). *Is Cognitive Stimulation a Mechanism of Cognitive Training Gains?* Gerontological Society of America conference, Boston, MA.

Morris, S., Chisolm, T., **Lister, J.,** McArdle, R., Edwards, J., & Saunders, G. (2011). *Auditory Test of Timed Instrumental Activities of Daily Living*. American Academy of Audiology conference, Chicago, IL.

Williams, V., **Lister, J.,** O'Brien, J., Maxfield, N., & Nikjeh, D. (2011). *Auditory training: Evidence in the P1-N1-P2 cortical potentials*. American Academy of Audiology conference, Chicago, IL.

Miskowiec, B., **Lister, J.,** Ganio, J., McArdle, R., & Chisolm, T. (2011). *Trading time for accuracy? Measuring temporal resolution.* American Academy of Audiology conference, Chicago, IL.

Miller, M., **Lister, J.,** O'Brien, J., Edwards, J., & Chisolm, T. (2011). *Effect of cognitive training on P3b in older adults.* American Academy of Audiology conference, Chicago, IL.

Ganio, J., **Lister, J**., Miskowiec, B., McArdle, R., & Chisolm, T. (2011). *Temporal resolution, word recognition, and hearing loss*. American Academy of Audiology conference, Chicago, IL.

O'Brien, J., Edwards, J., Maxfield, N., Karidas, S., Williams, V., & **Lister, J.** (2011). *Effects of cognitive training on attention allocation and speed of processing in older adults: An ERP study*. Tenth Annual Meeting of the Vision Sciences Society, Naples, FL.

**Lister, J.,** Nikjeh, D., O'Brien, J., Williams, V., & Edwards, J. (2010). *Neurophysiological manifestations of age-related deficits in perception of time and frequency*. American Speech-Language-Hearing Association conference, Philadelphia, PA. ***Invited Talk.***

Gonzalez, V., **Lister, J.,** Roberts, R., McArdle, R., Chisolm, T., Williams, V., & Weinbaum, K. (2010). *Effects of age and hearing loss on temporal resolution and word recognition in noise.* AHEAD III (Assessment of Hearing in the Elderly: Aging and Degeneration - Integration through Immediate Intervention) Adult Hearing Screening conference, Cernobbio, Italy. Also presented at USF Global Research Poster Session: Showcasing USF International Research during ResearchOne Week, Tampa, FL.

**Lister, J.,** Roberts, R., Gonzalez, V., & Lister, F. (2010). *Age-related deficits of temporal resolution: clinical application.* AHEAD III (Assessment of Hearing in the Elderly: Aging and Degeneration - Integration through Immediate Intervention) Adult Hearing Screening conference, Cernobbio, Italy

Fulton, S., **Lister, J.,** Littrell, M., & Creel-Hughes, R. (2010). *Temporal resolution in children with auditory processing disorder*. AHEAD III (Assessment of Hearing in the Elderly: Aging and Degeneration - Integration through Immediate Intervention) Adult Hearing Screening conference, Cernobbio, Italy

Nikjeh, D., **Lister, J.,** & Weinbaum, K. (2010). *Aging Musicians: Influence of Early Music*

*Training on Cortical Auditory Evoked Potentials.* AHEAD III (Assessment of Hearing in the Elderly: Aging and Degeneration - Integration through Immediate Intervention) Adult Hearing Screening conference, Cernobbio, Italy

Hansen, A., Krause, J., & **Lister, J.** (2010). *The relationship between gap detection thresholds and benefit from clear speech at normal and slow speaking rates*. Florida Academy of Audiology conference, Orlando, FL. ***Mentored Student Research Forum Presentation.***

Fulton, S., Maxfield, N., & **Lister, J.** (2009). *Physiological correlates of speech understanding in noise.* American Speech Language Hearing Association Conference, New Orleans, LA.

**Lister, J.**, & Maxfield, N. (2009). *Losing time: neural correlates of age-related auditory temporal resolution deficits*. American Speech Language Hearing Association Conference, New Orleans, LA.

**Lister, J.,** Roberts, R., Krause, J., Chisolm, T., Carr, P., Gonzalez, V., Houze, S., DeBiase, D., Carlson, H., Brooks, A., & Williams, V. (2009). *Assessment and rehabilitation of temporal resolution: A new clinical tool.* American Speech Language Hearing Association Conference, New Orleans, LA.

Nikjeh, D., **Lister, J.,** & Tracy, S. (2009). *Effects of infrared light treatment on impaired auditory function.* American Speech Language Hearing Association Conference, New Orleans, LA.

Nikjeh, D. & **Lister, J.** (2009). *Influence of long-term music training on pre-attentive auditory neural function.* American Speech Language Hearing Association Conference, New Orleans, LA.

**Lister, J.** & Maxfield, N. (2009). *Age-related auditory temporal resolution deficits: Neural manifestations.* Aging and Speech Communication, An International and Interdisciplinary Conference, Bloomington, IN.

Fulton, S., **Lister, J.,** Wilson, R., McArdle, R., & Chisolm, T. (2009). *Listening in the gaps: The effects of age and hearing loss on three measures of temporal resolution*. Aging and Speech Communication, An International and Interdisciplinary Conference, Bloomington, IN.

Bruce, M., Wilson, R., McArdle, R., & **Lister, J.** (2009). *The masking-level difference for 500 Hz and words in multitalker babble*. Fifth International Adult Aural Rehabilitation Conference, Tampa, Florida, and the American Academy of Audiology Conference, Dallas, TX.

Tracy, S., **Lister, J.,** Nikjeh, D., & DeBiase, D. (2009). *Effects of infrared light therapy on objective and subjective auditory function of adults with hearing loss*. American Academy of Audiology Conference, Dallas, TX.

Szeto, M., Rogers, C., & **Lister, J.** (2009). *Effects of age and hearing loss on perception of dynamic speech cues.* 19th Annual USF Health Research Day, University of South Florida, Tampa.

Fulton, S., **Lister, J.,** Wilson, R., McArdle, R., & Chisolm, T. (2009). *Temporal Resolution in Older Listeners: Listening in the Gaps.* The Bulletin of the American Auditory Society, Vol. 34 (1), Pg. 25.

Nikjeh, D. & **Lister, J.** (2009). *Vocal and instrumental musicians: Electrophysiologic and psychophysical comparison of pitch discrimination*. Physiology and Acoustics of Singing Conference, San Antonio, TX.

**Lister, J.,** Maxfield, N., & Gonzalez, V. (2008). *Neural correlates of auditory temporal resolution: Age-related changes.* Integrated Neurosciences Symposium, University of South Florida, Tampa.

Nikjeh, D., **Lister, J.**, & Gonzalez, V. (2008). *Do Musicians Have Superior Neural Processing for All Auditory Stimuli? P1 and MMN Responses to Music, Speech, and Pure Tones.* Integrated Neuroscience Symposium, University of South Florida, Tampa, FL.

Fulton, S., **Lister, J.,** Wilson, R., McArdle, R., & Chisolm, T. (2008). *Understanding in noise: Challenges faced by older listeners*. Global Challenges for the 21st Century Symposium, University of South Florida, Tampa.

DeBiase, D., **Lister, J.,** & Krause, J. (2008). *The development of an adaptive clinical test of temporal resolution: Sound card differences*. Florida Academy of Audiology, Orlando, FL. ***Mentored Student Research Forum Presentation.***

**Lister, J.** & Roberts, R. (2008). *Temporal resolution among listeners ages 7 to 80 years.* American Academy of Audiology, Charlotte, NC.

Nikjeh, D., **Lister, J.**, & Gonzalez, V. (2007*). Do Musicians Have Superior Neural Processing For All Auditory Stimuli? P1 and MMN Responses to Music, Speech, and Pure Tones*. Psychophysiology, 44 (S I), S102.

Nikjeh, D., **Lister, J**., & Frisch, S. (2007*). Influence of music specialty on pitch production and perception: Psychoacoustic and electrophysiologic measures*. Association for Research in Otolaryngology Abstracts, #880, 303.

Creel, R., **Lister, J.**, Carr, P., Gussow, B., & Houze, S. (2007). *Development of an APD test battery at USF.* APD: 30 years of progress, Cincinnati, OH.

Gonzalez, V., Fulton, S., **Lister, J.**, & Roberts, R. (2007). *An adaptive clinical test of temporal resolution.* Florida Academy of Audiology, St. Petersburg, FL. ***Invited Talk (JL).***

Fulton, S. & **Lister, J.** (2007). *Temporal Gap Perception for Adults with Brain Injury*. Aging and Speech Communication, An International and Interdisciplinary Conference, Bloomington, IN. ***Student Scholarship Recipient.***

Gonzalez, V., **Lister, J.,** & Roberts, R. (2007). *Test-retest reliability of a clinical test of temporal resolution*. American Academy of Audiology Meeting, Denver, CO.

Nikjeh, D., **Lister, J**., & Frisch, S. (2007). *Vocal and Instrumental Musicians: Electrophysiologic and Psychacoustic Analysis of Pitch Discrimination and Production*. Suncoast Music Education Research Symposium, Tampa, FL.

Nikjeh, D., **Lister, J**., & Frisch, S. (2006). *Vocal and Instrumental Musicians: Electrophysiologic and Psychoacoustic Analysis of Pitch Discrimination and Production*. American Speech Language Hearing Association Convention, Miami, FL.

Nikjeh, D., **Lister, J.**, & Frisch, S. (2006). *Vocal and Instrumental Musicians: Electrophysiologic and Psychoacoustic Analysis of Pitch Discrimination and Production.* XXVIIIth International Congress of Audiology, Innsbruck, Austria.

**Lister, J.,** Roberts, R., McArdle, R., Rogers, C., & Krause, J. (2006). *The stability, validity, and sensitivity of an adaptive clinical test of temporal resolution*. XXVIIIth International Congress of Audiology, Innsbruck, Austria.

**Lister, J.,** Stack, L., & Pitt, G. (2006). *Peripheral and central auditory physiological correlates of temporal resolution*. XXVIIIth International Congress of Audiology, Innsbruck, Austria.

Kirsch, M., Roberts, R., Abrams, H., Chisolm, T., Gans, R., & **Lister, J.** (2006). *Utilities in benign paroxysmal positional vertigo treatment.* American Academy of Audiology Meeting, Minneapolis, MN. ***Student Research Forum Award.***

**Lister, J.,** Roberts, R., McArdle, R., Camacho-Ramirez, C., Hamaker, D., & Terry, C., (2006). *Temporal Resolution and Word Recognition in Noise*. American Academy of Audiology Meeting, Minneapolis, MN.

Nikjeh, D., **Lister, J**., & Frisch, S. (2006). *Vocal and instrumental musicians: Electrophysiologic and psychoacoustic analysis of pitch discrimination and production.* Psychophysiology, 43 (S1), S72.

Pitt, G., **Lister, J.**, Stack, L. & Maxfield N. (2006). *Cortically-Evoked Responses to Gaps in Noise.* Association for Research in Otolaryngology Abstracts, #429.

Stack, L., **Lister, J.**, & Pitt, G. (2006). *The DPOAE Growth Function as a Peripheral Physiological Correlate of Auditory Temporal Resolution*. Association for Research in Otolaryngology Abstracts, #928.

Fulton, S., **Lister, J.**, Pitt, G., & Maxfield, N. (2006). *Physiological Correlates of Temporal Resolution*. The Bulletin of the American Auditory Society. Vol. 31, Pg. 40. ***NIH/AAS Funded Mentored Doctoral Research Poster Presentation.***

Abrams, H., **Lister, J.,** & Roberts, R. (2006). *The Utility Measures for Audiology Application (UMAA): Assessing audiologic HRQoL*. The Bulletin of the American Auditory Society, Vol. 31, Pg. 33.

**Lister, J.,** Stack, L., Fulton, S., & Pitt, G. (2005). *Temporal Resolution and Aging*. Aging and Speech Communication, An International and Interdisciplinary Conference, Bloomington, IN. ***Invited Talk.***

Shackelford, J., **Lister, J.**, & Roberts, R. (2005). *An adaptive clinical test of temporal resolution*. American Academy of Audiology Meeting, Washington DC. ***Jerger Award for Excellence in Student Research.***

**Lister, J.**, Rogers, C., Febo, D., Besing, J., & Abrams, H. (2004). *Bilingualism & Speech Perception in Noise.* American Academy of Audiology Meeting, Salt Lake City, UT.

**Lister, J.** & Roberts, R. (2004). *Gap detection and the precedence effect*. The Bulletin of the American Auditory Society, Vol. 29, Pg. 31.

**Lister, J.** & Roberts, R. (2004). *Effects of age and hearing loss on gap detection and the precedence effect: Narrow-band stimuli*. Association for Research in Otolaryngology Abstracts, #546, 183.

Roberts, R., Hulslander, A., Gans, R., & **Lister, J.** (2004). *Prevalence of Unilateral Weakness in Patients with BPPV.* American Academy of Audiology Meeting, Salt Lake City, UT.

Block, M., Hnath-Chisolm, T., Abrams, H., **Lister, J.,** & Roberts, R. (2004). *The Perceived Value of Advanced Hearing Aid Technology*. American Academy of Audiology Meeting, Salt Lake City, UT.

**Lister, J.**, Graven, S., Chisolm, T., & Eaton, C. (2003). *Effects of early sensory environment and pre-term birth on auditory processing abilities.* Annual Meeting Abstracts of the Pediatric Academic Societies, April Supplement to *Pediatric Research*.

Roberts, R. & **Lister, J.** (2003). *Effects of age and hearing loss on gap detection and echo thresholds.* Association for Research in Otolaryngology Abstracts, #856, 216.

Block, M., Chisolm, T., Abrams, H., **Lister, J.,** & Roberts, R. (2003). *The perceived value of DSP hearing aid technology.* The Bulletin of the American Auditory Society, 28, 23.

**Lister, J.** & Cyr-Kriley, D. (2002). *Effects of age and frequency region on gap discrimination.* Association for Research in Otolaryngology Abstracts, #950, 250.

**Lister, J.,** Eaton, C., Graven, S., & Graven, M. (2002). *Auditory processing and effects*

*associated with preterm birth*. International Conference: The Physical and Developmental Environment of the High Risk Infant, Clearwater, FL. ***Invited Talk***.

**Lister, J.** & Graven, S. (2002). *NICU noise and long term infant auditory development.* International Conference: The Physical and Developmental Environment of the High Risk Infant, Clearwater, FL. ***Invited Talk***.

**Lister, J.**, Besing, J., Koehnke, J., & Cyr-Kriley, D. (2001). *Effects of age on discrimination of silent gaps between dynamic stimuli.* Association for Research in Otolaryngology Abstracts, #749, 212.

Besing, J., Koehnke, J., Fedor, A., **Lister, J.**, & Febo, D. (2001). *Evaluating listeners with normal and impaired hearing on clinical tests of spatial localization and speech intelligibility gain.* Association for Research in Otolaryngology Abstracts, #395, 111.

**Lister, J.,** Tarver, K., & Cyr-Kriley, D. (2001). *Effects of age and hearing loss on discrimination of silent gaps in dynamic stimuli.* Acoustical Society of America Meeting, Chicago, IL.

Koehnke, J., Besing, J., & **Lister, J.** (2000). *Virtual audiology: the role of spatial audiometry in clinical assessment*. Florida Association of Speech Language Pathologists and Audiologists Convention, Orlando, FL. ***Invited Talk.***

**Lister, J.**, Koehnke, J., & Besing, J. (2000). *Effects of age on temporal processing and speech intelligibility in virtual listening environments*. Association for Research in Otolaryngology Abstracts, #540, 155.

Besing, J., Koehnke, J., Zurek, P., Kawakyu, K., & **Lister, J.** (1999). *Aided and unaided performance on a clinical test of sound localization*. Acta Acustica, 85, S99.

**Lister, J.**, Koehnke, J., & Besing, J. (1999). *Effects of age and reverberation on binaural gap duration discrimination.* Association for Research in Otolaryngology Abstracts, #119, 30.

**Lister, J.**, Koehnke, J., & Besing, J. (1999). *Effects of age and reverberation on temporal acuity*. American Speech Language Hearing Association Convention, San Francisco, CA.

**Lister, J.**, Besing, J., & Koehnke, J. (1999). *Effects of reverberation on binaural gap duration discrimination*. American Academy of Audiology Convention, Miami, FL.

**Lister, J.**, Besing, J., & Koehnke, J. (1998). *The effects of reverberation on binaural gap detection*. American Speech Language Hearing Association Convention, San Antonio, TX.

Kawakyu, K., Zurek, P., Shinn-Cunningham, B., **Lister, J.**, Koehnke, J., & Besing, J. (1998). *Development of spatial hearing test system*. American Speech Language Hearing Association Convention, San Antonio, TX.

Strother, D., **Lister, J.**, Besing, J., & Koehnke, J. (1998). *Virtual auditory localization in noise*. Association for Research in Otolaryngology Abstracts, #169, 43.

**Lister, J.**, Besing, J., Koehnke, J., Leonard, J., Mayeux, K., & Way, M. (1997). *Otitis media and binaural performance in noise*. Association for Research in Otolaryngology Abstracts, #916, 229.

Roberts, R., Koehnke, J., Besing, J., & **Lister, J.** (1997). *Virtual auditory localization in noise in normal hearing and hearing impaired listeners*. Association for Research in Otolaryngology Abstracts, #209, 53.

**Lister, J.**, Roberts, R., & Leonard, J. (1996). *A test of virtual auditory localization in noise*. University of South Alabama Research Council Forum, Mobile, AL.

## COMMUNITY PRESENTATIONS

**ADD Library Talk in 2019/2020**

**Lister, J.** (2001). *Age-related changes in temporal processing*. Bay Pines VA Hospital, Bay Pines, FL. ***Invited Talk.***

**Lister, J.** (2019). *Brain Aging: Countering Decline*. Advent Healthcare Hospital, Zephyrhills, FL.

## POST-DOCTORAL FELLOWS

Ana Buján Mera, Ph.D. (2016-2017)
Jennifer O'Brien, Ph.D. (2010-2012)

## DOCTORAL (Ph.D.) DISSERTATIONS

**In Progress**

Karen Bell (Chair)
Diana Julbe-Delgado (Chair)

**Completed**

Rachel Ridge McArdle (Member) – **"**Effect of age and hearing loss on lexical access" 2002
Dee Nikjeh (Co-Chair) - "Auditory Neural Plasticity in Trained Vocal Musicians" 2006. *First Ph.D. graduate from CSD Department.*
Mei-Wa Tam Szeto (Co-Chair) – "Effect of age and hearing loss on perception of dynamic speech cues" 2008
Susan Fulton (Chair) – "Effect of age on temporal masking" 2010
Elizabeth Hudak (Member) – "The effects of cognitive stimulation and computerized memory training among older adults residing in independent-living facilities" 2012
Victoria Williams Sanchez (Member) – "Word recognition in noise among young and older listeners: A combined behavioral and electrophysiological study" 2014
Julie Daughtery (Member) – "The relationship between hearing status and cognitive performance and the influence of depressive symptoms in older adults" 2015
Elise Valdes (Member) – "The effects of cognitive training among individuals with neurodegenerative diseases" 2016
Ben Russell (Member) – "Static and dynamic spectral acuity in cochlear implant listeners for simple and speech-like stimuli" 2016
Jenna Luque (Member) – "Neural and behavioral mechanisms of Clear Speech" 2017
Wendy Olsen (Member) – "Neuro-correlates of word processing among four-and-five-year-old children from homes varying in socio-economic status" 2019

## AUDIOLOGY DOCTORAL (Au.D.) PROJECTS

**In Progress**

Nathaniel Davis (Co-Chair)
Kelly Gordie (Co-Chair)
Raiza Carmenate (Chair) – "Auditory processing among older adults with and without mild cognitive impairment"

Mackenzie Morris (Chair) – “Global disparities in hearing healthcare”
Jenna Dworak (Chair) – “Videonystagmography (VNG) among older adults with and without mild cognitive impairment”

**Completed** (in chronological order)
Robert Zelski (Member) – “Inter-rater agreement in the use of the Client Oriented Scale of Improvement“ 2000
Patricia Carr (Member) – “Development of an audiology test procedures manual for first year Au.D. students“ 2001
Mary Aguila (Chair) – “Effect of presentation modality on predictions of children’s communication ability in the classroom” 2002
Joseph Duran (Chair) – “The role of audiology assistants in a clinical setting“ 2002
Nancy Wong (Member) – “The presence of binaural interaction component (BIC) in the auditory brainstem response (ABR) of normal hearing adults” 2002
Maura Kenworthy (Member) – “An examination of the relationship between the U-Titer II and hearing aid benefit“ 2002
Lisa Tanner (Chair) – “Effect of early noise exposure on the auditory development of C57 mice” 2002
Dashielle Febo (Chair) – “Effects of bilingualism, noise, and reverberation on speech perception“ 2003
Sarah Casey (Member) – “Effects of supplemental magnesium and noise conditioning on temporary threshold shift” 2003
Allison Hulslander (Member) – “Relationship between ear disease and caloric weakness in BPPV patients” 2003
Denise Parrish (Member) – “Monaural speech-in-noise thresholds using the hearing in noise test (HINT)” 2003
D’Arcy Cyr (Member) – “The relationship between optokinetic nystagmus and caloric weakness” 2003
Jennifer Deboodt (Member) – “Treatment of benign paroxysmal positional vertigo: Necessity of postmaneuver patient prohibition” 2003
Julie Coudurier (Chair) – “Efficacy of the TEL-PHONE Telecoil Simulator Program” 2004
Alan Carlton (Chair) – “Effects of age and frequency region on gap discrimination” 2004
Rachele Orsini (Member) – “A comparison of tone burst auditory brainstem response (ABR) latencies elicited with and without notched noise masking” 2004
Tim Skinner (Member) – “Effect of intensity increment on P300 amplitude” 2004
Shanin Goodall (Member) – “Ear and/or Gender Effects in Typically Developing Neonates Using Distortion Product Otoacoustic Emissions (DPOAE) at 2 kHz, 3 kHz, and 4 kHz” 2004
Sheetal Vyas (Chair) – “Hearing sensitivity and acoustic environment of percussion students at the University of South Florida” 2004
Kenton Tarver (Chair) – “Feasibility of using the N1-P2 complex to assess temporal resolution” 2005
Kristen Herrmann Decelles (Chair) – "Feasibility of using the N1-P2 complex to assess temporal resolution in older adults" 2005
Amanda Hemard (Member) – “FM system benefits and limitations” 2005
Heidi Roberts (Member) – “Word Recognition Performances Across Lists” 2005

Dana Libman (Chair) – “Effectiveness of hearing conservation programs in educational settings” 2005
Jennifer Shackelford (Chair) – “A clinical test of auditory gap detection” 2005. ***Jerger Award for Excellence in Student Research***
Jennifer Reeves (Member) – “Normative Data from 7 and 8 year olds on the USF Auditory Processing Test Battery” 2005
Noel Wood (Member) – “Veteran Performance on the Communication Profile for the Hearing Impaired” 2005
Jana Wells (Member) – “FM Technology in Adults with Sensorineural Hearing Loss. Part III: Evaluating Long-term Benefit” 2005
Stephan Condill (Member) – “Determining the validity of the Utility Measures for Audiology Application (UMAA)” 2006
Melanie Kirsch (Member) – “Reliability and Validity of the Utility Measures of Audiology Assessment for Benign Paroxysmal Positional Vertigo Treatment” 2006. ***American Academy of Audiology Student Research Forum Award***
Lauren Stack (Chair) – “Relationship between DPOAE growth function slope and temporal resolution” 2006
Curneisha Bryant-Terry (Chair) – “A new clinical test of within-channel auditory gap detection” 2006
Deirdre Hamaker (Chair) – “A new clinical test of across-channel auditory gap detection” 2007
Amanda Godfrey (Chair) – “The University of South Florida universal newborn hearing screening program” 2007
Eddie Abalos (Member) – “The sensitivity of the Gans Sensory Organization Performance (SOP) test to peripheral vestibulopathy” 2007
Hilary Nelson (Member) – “Utility of Auditory Screening Tests in Identifying Learning Disordered Children” 2007
Cecelia Camacho-Ramirez (Chair) – “Effect of Task on Temporal Gap Perception for Adults with Normal Hearing” 2007
Gabriel Pitt (Chair) – “Effect of gap duration on the N1-P2 complex” 2007
Danielle DeBiase (Chair) – “The development of an adaptive clinical test of temporal resolution: Sound card differences”, 2008
Victoria Gonzalez (Chair) – “Stability of gap detection thresholds”, 2008
Barbra Gussow (Chair) – “University of South Florida auditory processing disorder test battery: Binaural tests” 2009
Rachel Creel (Chair) – “University of South Florida auditory processing disorder test battery: Monaural tests” 2009
Sophia Houze (Chair) – “University of South Florida auditory processing disorder test battery: test-retest reliability”, 2009
Heather Carlson (Chair) - “The development of an adaptive clinical test of temporal resolution: Level differences”, 2009
Jennie Brand (Member) – “Comparison of cubic and quadratic otoacoustic emission characteristics in normal hearing listeners”, 2010
Mary Bruce (Chair) – “Masking-level difference for the Words-In-Noise test”, 2010
Ben Russell (Member) – “Pitch-ranking of electric and acoustic stimuli by cochlear implant users with the HiResolution and Fidelity120 speech processing strategies”, 2010
Victoria Williams (Chair) – “Effect of auditory training on the cortical auditory evoked response

to gaps in noise among older listeners" 2011
Kristen Weinbaum (Chair) – "Cortical auditory evoked response of aging musicians: temporal and spectral cues" 2011
Stephanie Tracy (Chair) – "The effects of Anodyne Therapy on the subjective and objective auditory function of adults with hearing loss" 2011
Robin Berry (Chair) – "The development of the USF APD test battery: young adults with normal hearing" 2011
Ari Brooks (Co-chair) – "Relationship between temporal resolution and benefit from clear speech among older adults with hearing loss" 2011
Amanda Tikkanen (Chair) – "Relationship between temporal resolution and word recognition in noise: children" 2011
Heather Hoefer (Member) – "The Effects of cognitive demand on word recognition by native and non-native listeners in quiet and in noise" 2012
Julia Hartman (Member) – "Effects of pulse rate on temporal integration functions in adult cochlear implant users" 2012
Julie Ganio (Chair) – "Influence of sensorineural hearing loss on BBN gap detection" 2012
Bridget Miskowiec (Chair) – "Influence of psychophysical paradigm and marker duration on NBN gap detection" 2012
Shannon Morris (Member) – "Development of an auditory version of the Timed Activities of Daily Living (TIADL) test" 2012
Mark Miller (Chair) – "Effect of cognitive training on P300 amplitude and latency in older adults" 2012
Michelle Frenton (Member) – "Effects of noise, competing tasks, and neighborhood differences on native vs. non-native listeners' word-entry response times in a spoken word-recognition task" 2013
Lisa Gascay (Member) – "Differences in subjective outcomes: A comparison of Neurotone's Listening and Communication Enhancement (LACE) program and Posit Science's Brain Fitness™ program" 2013
Chelsea McNee (Co-Chair) – "Auditory training: Is it beneficial?" 2013. ***Received three awards: Audiology/Hearing Science Research Travel Award, Student Research Travel Award, Meritorious Poster Submission recognition***.
Arlene Hicklin (Chair) – "Test-retest reliability of the Time Compressed Speech (TCS) test in younger and older adults" 2013
Amy Murray (Member) – "The effect of auditory training on auditory memory in older adults" 2013
Susanne Sparkman (Chair) – "Effects of Listening and Communication Enhancement (LACE) training in older adults on P3a" 2013
Caleb Sparkman (Member) – "Benefits of binaural communication of audio signals between hearing aids in CROS systems" 2013
Kyle Clifton (Chair) – "The effect of Brain Fitness™ auditory training on P3b amplitude and latency in older adults" 2014
Kayla Gaschler (Co-Chair) – "Speech-in-noise assessment in older adults with hearing loss: Effects of stimulus variability" 2014. ***Jerger Award for Excellence in Student Research***
Katie Austin (Member) – "Effects of stimulus level on frequency difference limens in cochlear implant users" 2014

Brooke Worthington (Member) – “Effects of short-term intensive piano training on processing speed in school-aged children” 2014
Darby Blake (Member) – “Auditory processing speed in children: Predicting Adaptive Tests of Temporal Resolution (ATTR) scores from P3b latencies” 2014
Shelley West (Co-Chair) – “Gap detection thresholds in children with auditory processing disorder” 2014
Sara Gerstle (Co-Chair) – “Clinical efficiency of tests in an auditory processing battery” 2014
Molly England (Chair) – “Effects of musical training on auditory processing speed in older adults” 2015
Nada Hanna (Member) – “Effects of stimulus duration on frequency difference limens in cochlear implant users” 2015
Amanda Brandino (Chair) – “Central and peripheral auditory processing in older adults with and without mild cognitive impairment” 2015
Courtney Matthews (Chair) – “The frontopolar N1 event-related potential of older adults with and without mild cognitive impairment” 2015
Amy Brown (Chair) – “Hearing loss, social isolation, depression, and cognition in older adults” 2015
Rachel Conter (Chair) – “P3b responses in adults with probable mild cognitive impairment” 2016
Allison Lowenberg (Chair) – “Longitudinal changes in P3b among older adults with and without mild cognitive impairment” 2017
Rachel Steiner (Chair) – “Relationships among ERP and cognitive outcomes in older adults with and without mild cognitive impairment” 2018

## MASTERS THESES

### Completed

Athina Panagiotopoulos (Member) - "The benefits of clear speech at normal rates for older listeners with normal hearing" 2005

## UNDERGRADUATE HONORS THESES

### In Progress

Angela Gabay (Member)

### Completed

Kenton Tarver (Chair) – “Effects of Age and Hearing Loss on Gap Duration Discrimination in Dynamic Stimuli” 2001
Indira Alvarez (Chair) – “Effect of bilingualism on speech perception in noise“ 2002
Curneisha Bryant (Chair) – “Effects of age and hearing loss on temporal processing of binaural stimuli” 2003
Deanne Adams (Chair) – “Effect of marker asymmetry on neurophysiological measures of temporal resolution” 2005
Erin Cocchiola (Chair) – “Effect of bilingualism on temporal gap detection” 2006
Ioanna Tagarelli (Chair) – “Effect of Listening and Communication Enhancement Training (LACE) on gap detection thresholds in older adults as measured using the Adaptive Tests of Temporal Resolution” 2012. ***Excellence in Undergraduate Research Award***

Yunet Holmes (Chair) "Effect of the Brain Fitness™ cognitive training program on gap detection thresholds in older adults as measured using the Adaptive Tests of Temporal Resolution" 2012
Celia Riffel (Chair) – "Effects of Intensive Piano Training on Auditory and Cognitive Processing in Older Adults" 2013
Jessica Allen (Member) – "Effects of Intensive Musical Education on Neurocognitive Abilities in School-Age Children" 2013
Brandon Fluegel (Chair) – "An examination of the P2 component of an auditory event-related potential as a neurophysiological indicator of early-stage cognitive decline" 2014. ***Jerger Award for Excellence in Student Research***
Michelle Nguyen (Chair) – "Monitored live voice compared to recorded voice presentation of the Auditory Verbal Learning Test (AVLT) among older adults" 2014
Ashley Acevedo (Chair) – "Review of aging and hearing on P1-N1-P2 and P3b auditory ERP components" 2015
Maya Elias (Chair) – "Auditory event-related potentials in mild cognitive impairment: A primer" 2015
Khadijah Tiamiyu (Chair) – "The relationship between memory and auditory evoked potentials in older adults" 2017

## TEACHING EXPERIENCE

**Online**
Introduction to Hearing Science (2008-2009)

**Face-to-Face**
Professional Audiology (2013)
Audiology Doctoral Project Seminar (2005-2014; 2017)
Hearing Conservation (2007-2014)
Geriatric Audiology (2003-2004)
Audiology Instrumentation (2001-2016)
Quantitative Problem Solving in Speech and Hearing (2000-2005, 2010, 2013, 2018)
Speech Perception in the Hearing Impaired (2000)
Psychoacoustics (1999-2016)
Aural Rehabilitation (1999)
Introduction to Hearing Disorders (2000-2001)
Introduction to Audiology (1998 & 2000)
Fundamental Audiology for Physician Assistant Students (1998)
Specialized Audiological Procedures: Otoacoustic Emissions (1997)
Advanced Lang. Disorders: Hearing Assess. of Infants & Toddlers (1996)

## COMPUTER PROGRAMS

"Gap Detection – Noise Bands" written in Visual Basic™ (1997)
"Noise Band Detection" written in Visual Basic™ (1998)
"Virtual Gap Detection" written in Visual Basic™ (1998)
"Dynamic Gap Detection – Synthetic Speech" written in Visual Basic™ (2000)
"Sinusoidal Gap Detection" written in Visual Basic™ (2000)
"Perceptual Channels" written in Visual Basic™ (2001)

"Psychophysical Tuning Curves" written in Visual Basic™ (2001)
"Diotic Gap Detection" written in Visual Basic™ (2002)
"Willingness to Pay for Hearing Aid Technology and Features" written in Visual Basic™ (2002)
"Dichotic Gap Detection" written in Visual Basic™ (2002)
"Binaural Precedence Effect" written in Visual Basic™ (2002)
"VA/USF Utility Program" written in Visual Basic™ (2003)
"Gap Discrimination in Noise" written in Visual Basic™ (2003)
"Broadband Gap Discrimination: Electrophysiological Measurement" written in Visual Basic™ (2003)
"Broadband Gap Discrimination: Behavioral Measurement" written in Visual Basic™ (2003)
"Narrow Band Noise Gap Detection – Neuroscan Stimulus Program" written in Visual Basic™ (2004)
"Frequency Discrimination: Piano Tones" written in Visual Basic™ (2005)
"Vocal Production: Pitch Matching" written in Visual Basic™ (2005)
"Piano Tone Discrimination – Neuroscan Stimulus Program" written in Visual Basic™ (2006)
"Adaptive Tests of Temporal Resolution - ATTR Beta1" written in Visual Basic™ (2005)
"Adaptive Tests of Temporal Resolution - ATTR Beta2" written in Visual Basic™ (2006)
"Forward and Backward Masking" written in Visual Basic™ (2007)
"Adaptive Tests of Temporal Resolution - ATTR Beta3" written in Visual Basic™ (2007)
"Adaptive Tests of Temporal Resolution - ATTR Beta4" written in Visual Basic™ (2008)
"Adaptive Tests of Temporal Resolution - ATTR Beta5" written in Visual Basic™ (2009)

**PUBLIC MENTIONS OF THE ATTR**

Weaver, A.J., Hoch, M., Quinn, L.S., & Blumsack, J.T. (2020). Across-channel auditory gap detection: A psychophysical correlate of musical aptitude and instruction. *Music Perception, 38*(1), 66-77. https://doi.org/10.1525/mp.2020.38.1.66

Alhaidary, A. & Tanniru, K. (2020). Across- and within-channel gap detection thresholds yielded by two different test applications. *Journal of the American Academy of Audiology, 31*(2)*,* 111-117. https://doi.org/won10.3766/jaaa.18099

Wong, A.C.W. & McPherson, B. (2015). Adaptive tests of temporal resolution: Comparison with the gaps-in-noise test in normal-hearing young adults. *International Journal of Audiology, 54*(1), 29–36. https://doi.org/10.3109/14992027.2014.952457

PsycINFO's PsycTESTS Database, American Psychological Association (ATTR is available for download as of 2013) ***Invited***

Levitt, H. Oden, C., Simon, H., Noack, C., & Lotze, A. (2012). Computer-based training methods for age-related APD: Past, Present, and Future. In D. Geffner and D. Swain (Eds.) *Auditory Processing Disorders: Assessment, Management, and Treatment: Second Edition*. San Diego, CA: Plural Press.

Hogan, C. (2012). Measuring temporal resolution in children and adults. *The Hearing Journal, 65*(8), 12-14.

Hess, B., Blumsack, J., Ross, M., & Brock, R. (2012). Performance at different stimulus intensities with the within- and across-channel Adaptive Tests of Temporal Resolution. *International Journal of Audiology*, *51*(12), 900–905. https://doi.org/10.3109/14992027.2012.711912

## PROFESSIONAL ACTIVITIES & ORGANIZATIONS

### Leadership Programs

Institute for Academic Leadership, Florida State University (2015)
Professional Development in Higher Education Leadership program, USF (2015-2016)
Penn Cannon Group Leadership Development for Higher Education Executives (2019-2020)

### Editorial Board Activities

Editorial Board Member, Editor At Large, *Ear and Hearing* (2012-2016)
Editorial Board Member, *Audiology Research* (2011-Present)
Editorial Board Member, Resource Reviews, *Ear and Hearing* (2009-2014)
Editorial Board Member, *American Journal of Audiology* (2009)
Assistant Editor, *Journal of the American Academy of Audiology* (2002-2009)
Editorial Assistant, *Ear and Hearing* (1997-1998)

### Peer Review Activities

Special Emphasis Panel, Member Conflict: Cognition and Perception, National Institutes of Health (NIH) (2019)
Special Emphasis Panel, Psychopathology, Aging, and Cognition, National Institutes of Health (NIH) (2018)
Special Emphasis Panel, Beeson Review, National Institute on Aging (NIA) (2015)
Peer Reviewer for *Perspectives*, a publication of the American Speech-Language-Hearing Association Special Interest Group 6: Hearing and Hearing Disorders (2012)
Grant Reviewer, US Department of Veterans Affairs Office of Research and Development: Sensory Systems Panel (2010-2011, 2015)
Peer Reviewer, American Speech-Language-Hearing Association Self-Study CEU Program (2007, 2008)
Referee, *International Journal of Acoustics and Vibration* (2010)
Referee, *Neuroscience* (2009)
Referee, *Neuropsychology* (2006-2007)
Referee, *American Journal of Audiology* (2005-Present)
Referee, Thompson Delmar Learning (2004)
Referee, *Journal of Mental Health and Aging* (2004)
Referee, *Journal of the Acoustical Society of America* (2004-Present)
Referee, *Journal of Speech, Language, and Hearing Research* (2002-Present)
Referee, *Ear and Hearing* (1999-Present)
Referee, *International Journal of Audiology* (2009-Present)

### National Convention Committees

Invited Host, Research Roundtable on Succeeding in Early Tenure Track Positions, American Speech-Language-Hearing Association Convention (2019)
Invited Member, American Academy of Audiology Convention Committee, Featured Sessions (2012-2013)
Invited Member, American Academy of Audiology Convention Committee, Featured Sessions (2011-2012)
Invited Member, American Academy of Audiology Convention Committee, Research

Podium Presentations (2011-2012)
Invited Chair, Student Research Forum, American Academy of Audiology Convention Committee (2010-2011)
Invited Member, American Speech-Language-Hearing Association Convention Committee, Auditory Processing (2010)
Invited Member, American Academy of Audiology Convention Committee, Student Research Forum (2009-2010)
Invited Member, American Academy of Audiology Convention Committee, Learning Labs (2009-2010)
Invited Member, American Academy of Audiology Convention Committee, Employment Services (2008-2009)
Invited Member, American Academy of Audiology Convention Committee, Research Pods and Posters (2007-2008)
Invited Member, American Academy of Audiology Convention Committee, Research Pods and Posters (2006-2007)
Invited Member, American Speech Language Hearing Association Convention Committee, Audiology Posters (2005)
Invited Member, American Academy of Audiology Convention Committee (2002-2003)
Invited Co-Chair, American Speech Language Hearing Association Convention Hearing Science Committee (2001-2002)
Invited Member, American Speech Language Hearing Association Convention Technology Committee (2000-2001)

**Other National/International Committees**

Elected Ambassador, American Speech-Language-Hearing Association Committee of Ambassadors (2020-Present)
Invited Member, National Institute on Aging (U13), Geriatrics Research: From Bench to Bedside, Workshop on Sensory Impairment and Cognitive Decline (2017)
Appointed Member, American Speech-Language Hearing Association, Academic Affairs Board (2015-2017)
Invited Member, AHEAD Working Group on Adult Hearing Screening (2012-2014)
Invited Member, American Academy of Audiology Task Force on Central Presbycusis (2010-2012)
Coordinator, American Speech-Language-Hearing Association Division 6 Steering Committee (2010)
Elected North American Representative, International Society of Audiology (2008-2016)
Mentor, American Speech-Language-Hearing Association's Mentoring Academic Research Careers (MARC) Program (2007-2009)
Elected Member, American Speech-Language-Hearing Association Division 6 Steering Committee (2008-2010)
Invited Member, Association for Research in Otolaryngology Membership Committee (2006-2009)
Invited Member, American Academy of Audiology Research Committee (2004-2006)
Invited Member, American Academy of Audiology Education Committee (2003-2004)

**Local/State Committees**

Faculty Coordinator, Florida Department of Education State Course Numbering System

(2015-Present)
Coordinator, Student Research Forum, Florida Academy of Audiology (2008-2009)

**University Committees**

USF Faculty Success Strategic Initiative Workgroup (2019)
USF Consolidation Cluster on Educational Policies, Procedures and Practices (2019)
USF Campus Consolidation Committee on General Education and Curriculum Alignment (2018-2019)
USF Board of Trustees Academics and Campus Environment Committee (2016-2017)
USF Department of Communication Sciences and Disorders Faculty Evaluation Committee (2012-2014)
USF College of Behavioral and Community Sciences Tenure and Promotion Committee (2012-2013)
USF Research Council of Reviewers (2012-Present)
USF Department of Communication Sciences and Disorders Search Committee for Audiology Instructor (Chairperson, 2011-2012)
USF Department of Communication Sciences and Disorders Faculty Evaluation Committee (2011)
USF College of Behavioral and Community Sciences Tenure and Promotion Guidelines Task Force (2011)
USF Department of Communication Sciences and Disorders Search Committee for SLP Assistant Professor (2010)
USF Neuroscience Collaborative (2008-Present)
USF Department of Communication Sciences and Disorders Faculty Evaluation Committee (2003-2005, 2007-2009, 2011-2012)
USF Council on Technologies for Instruction and Research (2005-2011)
USF Institute on Aging (2001-Present)

**Memberships**

American Speech Language Hearing Association Special Interest Division 6: Hearing and Hearing Disorders: Research and Diagnostics (2003-Present)
American Academy of Audiology, Acoustical Society of America, American Speech, Language and Hearing Association, American Auditory Society, International Society of Audiology, International Society of Acoustics and Vibration.

## HONORS AND AWARDS

Alumni Hall of Fame Inductee, University of South Alabama (2013)
Outstanding Faculty Mentor, Department of Communication Sciences and Disorders – Provost Award (2011)
College of Behavioral and Community Sciences Nominee, University of South Florida Graduate School Outstanding Graduate Faculty Mentor Award (2010)
University of South Florida International Travel Award, $2,180 (2010)
Chair's Award for Outstanding Professional Service: National/International, Department of Communication Sciences and Disorders, University of South Florida (2010)
Accreditation Commission for Audiology Education (ACAE) Grant Award - $5,000 toward accreditation of USF Au.D. program (2009-2010)
American Speech-Language-Hearing Association Award for Continuing Education (ACE)

(2008-2011)
*The Hearing Journal's* Most Thought Provoking for Hearing Science (2008)
USF College of Arts and Sciences International Travel Award, $1500 (2006)
*The Hearing Journal's* Most Thought Provoking for Hearing Science (2005)
University of South Florida Research Rising Star (2005)
American Academy of Audiology Researcher in the Spotlight (2004)
*The Hearing Journal's* Best All Around Read for Aural Rehabilitation (2004)
1999 American Speech Language Hearing Association Travel Fellowship, $1,000
1999 American Academy of Audiology Student Research Award, $500
Phi Kappa Phi Honor Society (1993 to 2009)

## GRANTS

### Funded

**National Institute on Aging** (2019-2020)
R01 Supplement to support Karen Bell (Ph.D. Student)
Co-Mentor with Jerri Edwards
Diversity Supplement for Interventions to Attenuate Cognitive Decline
The purpose of this supplement is to support a Ph.D. student in the Department of Communication Sciences and Disorders.

**National Institute on Aging** (2019-2020)
R01 Supplement to support Raiza Carmenate (Au.D. Student)
Co-Mentor with Jerri Edwards
Diversity Supplement for Interventions to Attenuate Cognitive Decline
The purpose of this supplement is to support an Au.D. student in the Department of Communication Sciences and Disorders.

**National Institute on Aging** (2018-2020)
R56
Co-Investigator (Jerri Edwards PI)
"Preventing Alzheimer's Disease with Cognitive Training: The PACT Trial"
The purpose of this project is to show feasibility for the subsequent large-scale randomized clinical trial to assess and follow 7000 older adults over a seven-year period to determine whether computerized speed of processing training delays the onset of mild cognitive impairment and/or dementia.

**National Institute on Aging** (2017-2020)
R01
Co-Investigator (Jerri Edwards PI)
"Interventions to Attenuate Cognitive Decline"
The purpose of this randomized clinical trial is to measure the effects of two types of music-based auditory cognitive training programs on the auditory processing and cognition of older adults.

**National Institute on Aging, R36 Dissertation Award** (2015-2017)

Co-Investigator (Elise Valdes PI; Jerri Edwards Mentor)
"Auditory Cognitive Training"
The purpose of this project is to support the dissertation of Elise Valdes.

**USF College of Behavioral and Community Sciences** (2015-2016)
Co-Investigator (Jerri Edwards PI)
"Moderators and Mediators of Cognitive Intervention to Attenuate Cognitive Decline.
The purpose is: to compare the effectiveness of cognitive training and cognitive stimulation to improve cognitive and everyday function among older adults with and without heart failure or Parkinson's Disease; to examine moderators of training gains and transfer to everyday function; and to elucidate the underlying neurophysiological mechanisms by which cognitive training effects change.

**USF Health Byrd Alzheimer's Research Institute** (2013-2016)
Principal Investigator
"Hearing and Cognition: ERP as Biomarker for Incipient MCI and AD"
The purpose of this project is to identify ERP biomarkers of early cognitive decline and to elucidate the relationship between hearing and cognition.

**USF College of Behavioral and Community Sciences** (2012-2013)
Co-Investigator (Ross Andel PI)
"Auditory Cognitive Training in Older Adults with MCI"
The purpose of this project was to collect pilot data for a randomized controlled trial to assess the effectiveness of auditory cognitive training among older adults with MCI.

**Starkey Laboratories, Inc.** (2011-2013)
Principal Investigator
"Effects of Cognitive Training on Auditory Processing of Information"
The purpose of this pilot project is to compare the effects of two commercial auditory training programs (LACE and Brain Fitness) on the auditory processing of groups of older adults with hearing loss using behavioral and neurophysiological measures.

**Anodyne Therapy System** (2008-2009)
Principal Investigator
"Effects of Anodyne Therapy on Objective and Subjective Auditory Function of Adults with Hearing Loss"
The purpose of this project was to explore the effects of infra-red light therapy on auditory function using standard tests.

**Etymotic Research, Inc.** (2007-2008)
Co-Principal Investigator
"Auditory neural plasticity in trained vocal musicians"
The purpose of this pilot project was to compare the cortical auditory evoked potentials of older adults with and without professional music training.

**NIH – National Institute on Aging** (2004-2007)

R03
Principal Investigator
“Physiological correlates of auditory perception”
The purpose of this project was to measure the peripheral and central auditory function of older adults with and without deficits of temporal processing; stimuli used were representative of those often used behaviorally to study such age-related temporal deficits.

**American Academy of Audiology New Investigator Research Award** (2000-2002)
Principal Investigator
“Effects of age on gap discrimination: Defining perceptual channels”
The purpose of this project was to determine the frequency difference between sounds bounding a silent gap at which gap discrimination requires across-channel processing.

**USF Research and Creative Scholarship Grant** (2000)
Principal Investigator
“Effects of age on discrimination of silent gaps in dynamic stimuli”
The purpose of this project was to use complex, dynamic stimuli approximating specific speech contrasts to measure the effects of dynamic frequency and duration (separately and in combination) on gap duration discrimination.

**Sigma Xi Grant-in-aid of Student Research** (1998)
Principal Investigator
“The effects of reverberation on binaural gap detection in listeners with normal hearing and listeners with impaired hearing”

**Submitted**

**National Institute on Aging** (pending, funded as an R56)
R01
Co-Investigator (Jerri Edwards and David Morgan PIs)
“Preventing Alzheimer's Disease with Cognitive Training: The PACT Trial”
The purpose of this large-scale randomized clinical trial to assess and follow 7000 older adults over a seven-year period to determine whether computerized speed of processing training delays the onset of mild cognitive impairment and/or dementia.

**Not Funded**

**National Institute on Aging** (submitted in 2011, 2013, 2016)
R01
Co-Investigator (Jerri Edwards PI)
“Auditory-Cognitive Training in Older Adults with and without MCI”
The purpose of this project is to assess the effectiveness of auditory-cognitive training in older adults with and without amnestic mild cognitive impairment to improve cognition and everyday function, as well as to identify neurophysiological markers of gains attributable to the intervention by use of event-related potentials.

**National Institute on Aging** (submitted 2014 and 2016)
R21
Principal Investigator
"Mechanisms of the Hearing-Cognition Relationship"
The purpose of this project is to use auditory ERPs to examine each of five potential mechanisms of the hearing-cognition relationship.

**PCORI, Assessment of Prevention and Treatment Options** (submitted 2015)
Co-Investigator (Jerri Edwards PI)
"Cognitive Training to Enhance and Prolong Functional Abilities, Mobility, and Independence Among Older Adults At-Risk for Impairment"
The purpose was: to compare the effectiveness of speed of processing training versus cognitive stimulation to improve cognitive and everyday function among older adults with and without heart failure or Parkinson's Disease; to compare the effectiveness of training and cognitive stimulation to improve wellbeing and quality of life among older adults with and without heart failure or Parkinson's Disease; and to examine heterogeneity of treatment effects by determining personal characteristics that moderate training gains and transfer to everyday function.

**National Institute on Aging** (submitted in 2013, resubmitted in 2014)
R01 - Project 2 of a P50 submitted with Byrd Alzheimer's Institute
Principal Investigator
"Hearing and Cognition: ERP as Biomarker for Incipient MCI and AD"
The purpose of this project is to identify ERP biomarkers of early cognitive decline and to elucidate the relationship between hearing and cognition.

**National Institute on Aging** (submitted 2011; resubmitted 2012)
R01
Co-Investigator (Jerri Edwards PI)
"Cognitive Training to Maintain Health and Independence of Older Adults"

**American Health Assistance Foundation – Alzheimer's Disease Research** (submitted 2011)
Co-Investigator (Ross Andel PI)
"Auditory-Cognitive Training in Older Adults"

**National Institute on Aging** (submitted 2011; resubmitted 2012)
R01
Co-Principal Investigator (Jerri Edwards also Co-PI)
"Mechanisms of Speed of Processing Training"

**National Institute on Aging** (submitted 2010; re-submitted 2011)
R01
Co-Investigator (Jerri Edwards PI)
"Mechanisms of Speed of Processing Training"
One of four R01s of Program Project Grant "Promoting Safe Mobility Among At-Risk

Older Adults"
Project PI – Dr. Karlene Ball, University of Alabama at Birmingham

**National Institute on Aging** (submitted 2009; re-submitted 2010)
R01
Principal Investigator (Jerri Edwards also PI)
"Effectiveness of Visual/Auditory Cognitive Training in Aging"

**American Federation for Aging Research, Ellison Medical Foundation** (submitted 2010)
Postdoctoral Research in Aging Grant
Mentor (Jennifer O'Brien PI)
"Exploring the role of dopamine as the underlying neurobiological mechanism of cognitive enhancement following speed of processing training"

**Alzheimer's Drug Discovery Foundation** (submitted 2010)
Co-Investigator (Jerri Edwards PI)
"Training Cognitive Speed of Processing: Underlying Mechanisms"

**The International Music Association (NAMM)** (submitted 2008)
Co-Principal Investigator (Dee Nikjeh also PI)
"Life-long impact of early music training: an ERP study of the aging auditory system across five decades of musicians"

**American Federation for Aging Research (AFAR)** (submitted 2007)
Co-Principal Investigator (Dee Nikjeh also PI)
"An ERP study of the aging auditory system across five decades of musicians: long-term impact of early music training"

**American Federation for Aging Research (AFAR)** (submitted 2004)
Principal Investigator
"Physiology and Behavior - Explaining Age-Related Changes in Hearing"

**March of Dimes** (submitted 2002)
Co-Principal Investigator (Stanley Graven also PI)
"Effects of light and noise on the developing infant in the NICU"

**National Institute on Deafness and Other Communication Disorders** (submitted 2002)
K23
Principal Investigator
"Age-related changes in temporal processing"