

## **Curriculum Vitae**

### **Angel L. Ball (Dell'aira) Ph.D. CCC/SLP**

#### **Contact Information**

Email: [Angel.Ball@nsc.edu](mailto:Angel.Ball@nsc.edu)

Office phone: 702-992-2535

Office location 344 NSE, Nevada State College

#### **Education:**

University of Cincinnati, Cincinnati, Ohio

Doctor of Philosophy 1998

Major Area: Speech Pathology; Cognate: Audiology;

Minor Area: Neurolinguistics

Master of Arts 1987 Major: Speech Pathology

Bachelor of Arts 1985 Major: English Literature

#### **Professional Credentials:**

- American Speech and Hearing Association (ASHA) Certificate of Clinical Competence: # 01057992 since 1987
- Ohio license to practice Speech Language Pathology 1987-2007
- Texas license to practice Speech Language Pathology: #103575 since 2007, expires 4/30/2019
- Nevada license to practice Speech Language Pathology: #SP2269 expires 2/9/2020
- American Red Cross – Adult, Child & Baby First Aid/CPR/AED online expires 1/30/2020
- Child Protective Training on 1/17/2018

#### **Employment History- University:**

Nevada State College- School of Education

Professor and Program Director of Speech Language Pathology - Aug 2018- present

Texas A & M University-Kingsville- Department of Clinical Health Sciences

CSDO Program Director- 2017-2018

Professor- 2016- 2018

Associate Professor- 2011- 2016

Acting CSDO Program Director – Jan –Oct 2011

Assistant Professor- 2007- 2011

University of Cincinnati- Department of Communication Sciences and Disorders

Voluntary Clinical Assistant Professor- August 2006- 2009; 2010-2013

(affiliation for research projects)

Adjunct Assistant Professor- 2007-2009 (distance learning courses)

Adjunct Assistant Professor- (full time 85%) July 2001 – August 2006

Visiting Assistant Professor- Jan-June 2001

Adjunct Instructor- 1998-1999

Instructor – as doctoral candidate 1996-1997

Graduate Research Assistant -1986-1987 (under Dr.Ernest Weiler)

College Tutor of English Composition and ESL -1985-1986

#### **Employment History-Clinical:**

Speech Language Pathologist 2006-2007,

**Clermont County Educational Service Center, Batavia, Ohio**

Part-time Speech Pathologist- (PRN) summer 2006  
**Sem Haven Health and Residential Care Center**, Milford, Ohio

Part-time Speech Pathologist-(PRN) 2001- 2005  
**American Nursing Care**, Norwood, Ohio

Speech Pathologist - 1998- 2002 **Private Practice**

Speech Pathologist PRN - 2001  
**The Anderson – Nursing & Rehab**, Cincinnati, Ohio

Therapy & Restorative Nursing Program Manager - 2000  
**The Nursing Home Group** at East Galbraith Nursing Center, Cincinnati, Ohio

Speech Pathologist - 1999- 2000  
**Clermont County Board of MRDD, Thomas A. Wildey School**,  
Owensville, Ohio

Speech Language Pathologist Level III - 1997- 1998  
**HIRE of Miami Valley Hospital**, Dayton, Ohio

Speech Language Pathologist (part-time) – 1997 -1998  
**Cincinnati Speech and Hearing Center**, Cincinnati, Ohio

Speech-Language Pathologist; Rehab coordinator – 1994 - 1997  
**NuMed Rehab Inc.**(formerly Rehab America), Cincinnati & Batavia, Ohio

Private Practice service - 1991-1992  
Joseph Moravec, M.D., ENT, Voice Medical Center, Cincinnati, Ohio

Speech Language Pathologist (Level III as of 1993) - 1987-1994  
**Franciscan Health System of Cincinnati**, Cincinnati, Ohio

Speech Language Pathology CF Position -1987  
**Parkview Memorial Hospital**, Fort Wayne, Indiana

### **Courses Taught:**

Texas A & M University-Kingsville Aug 2007 to 2018

#### **Graduate Courses:**

Neuroscience in Communication Disorders CSDO 5322 (Fall 2007, 08\*, 09, 10, 11, 12, 2013, 14, 16, 2017),

Advanced Clinical Methods CSDO 5326 (Fall 2007, 08\*, 09\*, 10, 11, 12, 13, 2014),

Neurolanguage Cognitive Disorders (formerly Aphasia) CSDO 5308 (Spring 2008\*, 09\*, 10, 11, 12, 13, 14, 15, 16, 17, 2018),

Motor Speech CSDO 5303 (Spring and Sum 2018)

Diagnostics CSDO 5307(Fall 2008, Sum 2011),

Research Methods (Spr 2010\*, 2011);

Articulation and Phonology CSDO 5318 (Fall 2009\*, 2010);

Indep Study CSDO 5324 3 credits Topic Child Lang Disorder (Sum 2011),

Indep Study Topic- 1 credit AAC (Spr 2014),

Indep Study Topic- 1 credit Aphasia camp (Sum 2015)

Graduate Research projects & theses

#### **Undergraduate Courses:**

Communication Disorders in Adults CSDO 4336 (Spr 2008, 09, 10, 11, 12, 13, 14, 15, 16, 17,18; Sum 2010, 11, 12, 13, HR13, 14, HR14, 15; Fall 12, HR12, 13,14, 16, 17),  
Anatomy of Hearing and Vocal Mechanism CSDO3321 (Fall 2009\*,10; Sum 11\*,Spring 12\*, HR12, Spr 14\*, 15, 16, 17, Sum 17\*),  
Speech & Hearing Science CSDO 4331 (Fall 2011, 12, 13, HR13, 14; 16, 2017; Sum 12, 14, HR14, 15),  
Phonetics CSDO 2325 (Spr 2007).  
Note. \*distance learning or hybrid courses; HR = Honor's section

#### University of Cincinnati

2007-2009 Neurogenic Language Disorder for distance learning course

July 2001 – August 2006

Clinic Supervisor- primarily worked with adult and school-aged children with ESL and literacy issues, language disorders, and fluency

Graduate Courses: Neurogenic Language Disorders (UC and distance learning), Laryngectomy, Neurogenic Speech Disorders,

Undergraduate Courses: Anatomy of Speech and Vocal Mechanism (live, online and distance learning), Clinical Methods in CSD, Freshman Career Seminar I &II

Jan-June 2001

Graduate Courses Neuro Cognitive Disorders, Neuro Language Disorders-Aphasia, Dysphagia

Undergraduate courses: Clinical Methods in CSD

1998-1999

Graduate Courses: Seminar in Stuttering,

Undergraduate courses: Observation in Speech Pathology Clinical Methods in CSD

1996-1997

Undergraduate courses: Clinical Methods in Speech Pathology, Intro. to Communication Disorders, Hearing Science

Invited guest lecturer:

Intro to Communication Disorders, Phonetics, Observation in Speech Pathology, Language Assessment, Voice Disorders, Graduate Practicum Seminar

#### Clinical Supervision of Students:

Note that part of faculty positions at both universities included supervising students in clinical internships or externships, as listed. In many cases these were listed as courses:

TAMUK Communication Disorders Clinic 2007- 2018

UC Communication Disorders Clinic (primarily worked with adult and school-aged children with ESL and literacy issues, language disorders, and fluency)

UC Speech Clinic (on-site)- 1994-1999, 2001-2006

Easter Seals Summer Program- UC location 2002

Adult Stuttering Clinic Win & Spr 1999

Jewish Hospital ESL program 1994-1996

UC Affiliated- Developed student training supervisory programs while at various sites

East Galbraith Health Care -2000

Clermont County MRDD Wildey School- 1999

Numed Rehab and UC 1995-1996  
Providence Hospital and UC 1991-1994

**Publications (nee Dell'aira):**

**Ball, A.**, de Riesthal, M., Steele, R. (2018). Exploring treatment fidelity in persons with aphasia autonomously practicing with computerized therapy materials. *American Journal of Speech Language Pathology*, 27, 454-463.

**Ball, A.** (2017). Grapheme, in *Encyclopedia of Clinical Neuropsychology*. Springer International Publishing. DOI 10.1007/978-3-319-56782-2\_891-4.

Beeson, P.M., Rapcsak, S.Z. & **Ball, A.** (2017). Agraphia. *Encyclopedia of Clinical Neuropsychology*. Springer International Publishing. DOI 10.1007/978-3-319-56782-2\_651-3.

Nenert, R., Allendorfer, J.B., Martin, A.M., Banks, C., **Ball, A.**, Vannest, J., Dietz, A., Szaflarski, J. et al. (2017). Neuroimaging correlates of post-stroke aphasia rehabilitation in a pilot randomized trial of constraint-induced aphasia therapy, *Medical Science Monitor*. 23: 3489-3507 DOI: 10.12659/MSM.902301

Griffith, J., Dietz, A., **Ball, A.**, Vannest, J. & Szaflarski, J.P. (2017). An examination of changes in spoken productions within constraint-induced aphasia therapy. *Aphasiology*.31(11), 1250-1265. DOI: 10.1080/02687038.2017.1350628

Szaflarski, J. P., **Ball, A.L.**, Vannest, J., Dietz, A., Allendorfer, J.B., Martin, A.N., Hart, K., Lindsell, C.J. (2015). Constraint-Induced Aphasia Therapy for treatment of chronic post-stroke aphasia: A randomized, blinded, controlled pilot trial. *Medical Science Monitor*, 21, 2861-2869.

**Ball, A.** & Gray, A. (2015). Dementia syndrome of depression: A discussion of pharmacology issues related to depression in elderly residents of long-term care settings. *American Speech and Hearing Association's SIG 2-Perspectives on Neurophysiology and Neurogenic Speech and Language Disorders*, 25(2), 61-69.

**Ball, A.**, Neils-Strunjas, J., & Krival, K. (2015). A longitudinal posthumous study of letter writing in a late elderly case. *American Speech and Hearing Association's SIG 15 - Perspectives on Gerontology*, 20(1), 22-33.

Dietz, A., **Ball, A.**, & Griffith. (2011). Reading and writing with aphasia in the 21<sup>st</sup> Century: Internet applications of supported reading comprehension and written expression. *Topics in Stroke Rehabilitation*, 18(6), 758–769.

**Ball, A.**, de Riesthal, M., Breeding, V., & Mendoza, D. (2011). Modified ACT and CART for severe aphasia. *Aphasiology*, 25(6-7), 836-848.

Szaflarski, J. P., Eaton, K., **Ball, A. L.**, Banks, C., Vannest, J., Allendorfer, J. B., Page, S., Holland, S. K. (2011). Post-stroke aphasia recovery assessed with fMRI and picture identification task. *Journal of Stroke and Cerebrovascular Diseases*, 20(4),336-345.

Szaflarski, J. P., **Ball, A. L.**, Grether, S., Al-fwaress, F., Griffith, N.M., Neils-Strunjas, J., Newmeyer, A., Reichhardt, R. (2008). Constraint-induced aphasia therapy stimulates language recovery in patients with chronic aphasia after ischemic stroke. *Medical Science Monitor*, 12, 5, 243-250.

Eaton, K. P., Szaflarski, J. P., Altabe, M., **Ball, A. L.**, Kissela, B. M., Banks, C., Holland, S. K. (2008). Reliability of fMRI for studies of language in post-stroke aphasia subjects. *NeuroImage*, 41, 311-322.

**Ball, A.** (2006). Adult writing and handwriting across the years: A review of the literature. *Hearsay-Journal of the Ohio Speech and Hearing Association*, 18, 32-37.

Sotto, C. & **Ball, A.** (2006). Dynamic characters with communication disorders in children's literature. *Intervention in School and Clinic*, 42, 1, 40-45.

Horwarth, M., **Ball, A.**, Smith, R. (2005). Taste preference and rating of commercial and natural thickeners. *Nursing Rehabilitation*, 30, 6, 239-246.

Porcher, N.L., **Ball, A.L.**, Neils-Strunjas, J., Smith, R., Weiler, E., Krikorian, R. (2003). Using memory strategies to improve 24-Hour dietary recalls among older adults. *Journal of Allied Health*, 32, 3, 196-201.

**Ball, A.** (1999). Competitive employment after brain injury rehabilitation? *Communication Matters- Ohio Speech-Language-Hearing Association*, 27, 5, 4-5.

Neils, J., Baris, J.M., Carter, C., **Dell'aira, A.**, Nordloh, S.J., Weiler, E., Weisinger, B, (1995). The effects of age, education and living environment on Boston Naming Test performance. *Journal of Speech and Hearing Research*, 28, 5, 1143-1149.

McConnell-Stephens, P., Weiler, E., Sandman, D., & **Dell'aira, A.** (1994). Survey of Speech-Language Pathologists regarding training in dialects. *Hearsay-Journal of the Ohio Speech and Hearing Association*, 9, 1, 15-19.

Korman, M., Weiler, E., & **Dell'aira, A.** (1987). Loudness Judgments in recruiting ears as influenced by intensity and interspersed changes in intensity. *Acoustical Society of America*.

Weiler, E.M., Katbamna, B., Nileschwar, N., & **Dell'aira, A.**, (1987). Redundancy: A similar principle in independent adaptation techniques. *The Journal of General Psychology*, 114, 4, 411-422.

### **Published Abstracts:**

Szaflarski, J., Allendorfer, J., **Ball, A.**, Banks, C., Dietz, A., Hart, K., Lindsell, C., Martin, A. & Vannest, J. Randomized Controlled Trial of Constraint-Induced aphasia therapy in patients with chronic stroke. *Neurology*, 2014; 82, 10: Suppl21.001.

Allendorfer, J.B., Banks, C., Vannest, J., **Ball, A.**, Page, B, Kissela, K., Eaton, S., Holland, S. & Szaflarski, J. Block-design versus event-related fMRI for language evaluation in post-stroke aphasia. 62<sup>nd</sup> Annual Meeting of the American Academy of Neurology, Toronto, Canada, 4/2010 (*Neurology*, 2010).

Szaflarski, J, Vannest, J, **Ball, A**, Banks C, Page S, Allendorfer J, Eaton K, Holland S. Post-stroke aphasia recovery assessment in chronic stroke using repetitive fMRI and picture naming test, 38<sup>th</sup> Annual meeting of International Neuropsychological Society Meeting Abstracts, Acapulco, Mexico, Feb 3-6/2010 (Thirty-Eight Annual INS Meeting Abstracts, 65).

Al-Fwawess F., Boyce S, Groves-Wright K., Neils-Strunjas J., **Ball, A.** (2008) Acoustic characteristics of Lombard speech in Parkinson's disease patients. *Journal of the Acoustic Society of America*.124, 4 2558-2558.

Szaflarski JP, Eaton KP, **Ball A**, Holland SK, Altaye M, Kissela, BM, Banks C "Reliability estimates of fMRI language localization at 4T in healthy and left middle cerebral artery (LMCA) stroke subjects" 59<sup>th</sup> Annual Meeting of the American Academy of Neurology, Boston, MA 5/2007 (*Neurology* 2007;68:Suppl 1:A67)

**Ball AL**, Grether S, Szaflarski JP, Griffith N, Al-Fwawess F, Newmeyer AJ, Watanabe T, Neils-Strunjas J, Reichhardt R "Constraint-Induced Aphasia Treatment (CIAT) in patients with chronic language impairment after stroke" 58<sup>th</sup> Annual Meeting of the American Academy of Neurology, San Diego, CA, 4/06 (*Neurology* 2006; 66, Suppl 2:A324-325).

### **Presentations**

#### **Presentations- Refereed National Conferences (nee Dell'aira):**

Griffith, J. & **Ball, A.** (2018). The use of visual stimuli from research to clinical practice. The American Speech Language Hearing Association Convention, Boston, MA.

de Riesthal, M., Steele, R., & **Ball, A.** (2018). Linguistic analysis of monosyllables in repetition practice. The American Speech Language Hearing Association Convention, Boston, MA.

de Riesthal, M., Steele, R., & **Ball, A.** (2017). Characterizing patient choice patterns during independent practice using a computerized therapy program. The American Speech Language Hearing Association Convention, Los Angeles, CA.

**Ball, A.**, Postman, W., & Garcia, M. Generational behaviors in written language: Preference and usage of writing format and technology in adults. The American Speech and Hearing Association Convention, Philadelphia, PA., Nov 2016.

de Riesthal, M., **Ball, A.**, Steele, R. Practice behaviors of persons with aphasia on computer-based word production tasks. Clinical Aphasiology Conference, Charlottesville, VA. May 2016.

**Ball, A.**, Steele, R., & de Riesthal, M. Observed behaviors in independent practice. American Speech and Hearing Association Convention, Denver, CO, Nov 2015.

**Ball, A.** & Sterzinger, B. The disconnection between assessment of drawing and communicative drawing treatment. American Speech and Hearing Association Convention, Denver, CO, Nov 2015.

Griffith, J., Dietz, A., **Ball, A.**, Vannest, J., Charles, A., Xie, C. & Szaflarski, J. Constraint-Induced Aphasia Therapy: Examining gains in discourse. American Speech and Hearing Association Convention, Denver, CO, Nov 2015.

Griffith, J., Dietz, A., **Ball, A.**, Vannest, J., Charles, A., Xie, C., & Szaflarski, J. P. Constraint-Induced Aphasia Therapy: Examining linguistic gains in discourse. Poster presented at the Clinical Aphasiology Conference, Monterey, CA. 2015.

Szaflarski, J.P., Allendorfer, J., **Ball, A.**, Banks, Dietz, A., Hart, K., Lindsell, C.J., Martin, A.N. & Vannest, J. Randomized controlled trial of constraint-induced aphasia therapy in patients with chronic stroke. Annual Meeting of the American Academy of Neurology, April 2014.

**Ball, A.**, Griffith, J., Vannest, J., Szaflarski, J., Dietz, A. The social dynamics of CIAT without barriers. American Speech and Hearing Association Convention, Chicago, Illinois, Nov 16, 2013.

**Ball, A.**, Diaz de Leon, V., Williams, G., Steele, R., deRiesthal, M., Irwin, W. Modality choice and practice behaviors in word level repetition for aphasia and apraxia of speech. American Speech and Hearing Association Convention, Chicago, Illinois, Nov 16, 2013.

Cortez, C. & **Ball, A.** Comparing brain lesions and language functions in two individuals with global aphasia. American Speech and Hearing Association Convention, Chicago, Illinois, Nov 15, 2013.

**Ball, A. & deRiesthal, M.** Use of video technology for verbal repetition in modified ACT and CART. Clinical Aphasiology Conference, Isle of Palms, S.C., May 2010.

**Ball, A.**, Grether, S., Garza, K. & Romich, B. A Case with severe agraphia using word prediction technology. American Speech & Hearing Association Convention, Nov 2009.

**Ball, A.**, Grether, S., Al-fwaress, F., & Reichhardt, R. Intensive Constraint Induced treatment for chronic aphasia explained. American Speech & Hearing Association Convention, Boston, MA., Nov, 2007.

Szaflarski JP, Eaton KP, **Ball AL**, Altaye M, Kissela BM, Banks C, Holland SK "Reliability estimates of fMRI localization at 4T in control and left middle cerebral artery (LMCA) stroke subjects" 13th Annual Meeting of the Organization for Human Brain Mapping, Chicago, IL, 10-14, 2007 (*NeuroImage* 2007;36,Suppl 1,S52)

Eaton KP, **Ball AL**, Altaye M, Kissela BM, Banks C, Holland SK, Szaflarski JP "Comparison of reliability estimates of fMRI language localization for verb generation and semantic/tone decision tasks at 4T in control and left middle cerebral artery (LMCA) stroke subjects" 13<sup>th</sup> Annual Meeting of the Organization for Human Brain Mapping, Chicago, IL, 10-14, 2007 (*NeuroImage* 2007;36,Suppl 1,S40)

Neils-Strunjas, S., **Ball, A.**, & Strunjas, J. (2005). Decline in written narration and spelling in an elderly woman. American Speech & Hearing Association convention, San Diego, Ca. (*the ASHA Leader*, 10, 11, 165).

**Ball, A. & Boyce, S.** (2003). Objective measurement techniques for data outcome & tracking progress. American Speech & Hearing Association convention, November, Chicago, Ill.

Fishbeck, K., **Ball, A.** & Boyce, S. (2003). Ultrasound analysis of tongue movement in esophageal & laryngeal speakers. American Speech & Hearing Association convention, November, Chicago, Ill.

**Ball, A., Neils-Strunjas, J., Weiler, E., & Creaghead, N. (1998)** Sentence writing & revision abilities in individuals with nonfluent aphasia. American Speech & Hearing Association convention, November, San Antonio Texas, Nov. 19.

Shiau, Y.W., Weiler, E.M., Kretschmer, L.W., **Ball (Dell'aira), A., & Baker, M.A. (1996)**. PTS and TTS effects and genes for age-related hearing loss in four strains of mice. Southern Society of Psychology and Philosophy Conference, Nashville, Tenn.

Harrell, R., Weiler, E.M., Warm, J., **Dell'aira, A. & Davis, J.M. (1990)**. Magnitude estimated loudness adaptations conflicting results with 10 and 20 dB increments. Southern Society of Psychology and Philosophy, Louisville, KY.

**Dell'aira, A., Lee, L., Stemple, J. & Weiler, E. (1988)**. Surgical prosthetic voice restoration. American Speech-Language Hearing Association, Boston, MA.

Weiler, E.M. & **Dell'aira, A.L. (1987)**. The Mid-Intensity break in binaural adaptation compared to monaural adaptation. Southern Society of Psychology and Philosophy, Atlanta, GA.

Korman, M., Weiler, E., & **Dell'aira, A. (1987)**. Loudness Judgments in recruiting ears as influenced by intensity and interspersed changes in intensity. Acoustical Society of America.

**Presentations- Refereed State Conferences (nee Dell'aira):**

**Ball, A., Cortez, C., Fiestas, C., & Oller, S. (2017)**. Oral reading miscues: a person with fluent aphasia and a normal individual. Texas Speech-Language-Hearing Annual Convention, Feb 25.

**Ball, A. & Porter, C. (2017)**. A review of the effects of head injuries on cochlear implants. Texas Speech-Language-Hearing Annual Convention, Feb 23-24.

**Ball, A., Gomez, A., Porter, C., & Sanabria, G. (2017)**. Picture description analysis. Texas Speech-Language-Hearing Annual Convention, Feb 23-24.

**Ball, A. (2015)**. Diagnostic exploration of anomia vs apraxia of speech in two bilingual adults. Texas Speech-Language-Hearing Annual Convention, Mar 20.

Charles, A., Griffith, J., Weaver, S., Dietz, A., Vannest, J., **Ball, A., & Szaflarski, J. P. (2014)**. CIAT: A retrospective case study of an individual with non-fluent aphasia and apraxia of speech. Ohio Speech Language Hearing Association Conference, Columbus, OH.

White, B. E., **Ball, A., & Swartz, E. (2014)**. Non-language auditory attention processing in aphasia. Texas Speech-Language-Hearing Annual Convention, Feb 27-Mar 1.

**Ball, A.L. (2012)**. Expanding writing assessment to include technology in individuals with aphasia. Texas Speech and Hearing Association Annual Convention, San Antonio, Texas, Mar 9.



Carranza, A.J., Oller, S.D., **Ball, A.L.** & Beams, S.S. (2012). Effects of artificial manipulation of phrasal boundaries on 6<sup>th</sup> graders' reading. Texas Speech and Hearing Association Annual Convention, San Antonio, Texas, Mar 9.

Garza, R., **Ball, A.** & Oates, B. (2011). Fostering quality assurance in distance education. Texas Distance Learning Association- 14<sup>th</sup> Annual Conference, Apr 21.

**Ball, A.** & Breeding, V. (2011). Exploring cases with severe agraphia and global aphasia. Texas Speech and Hearing Association Convention, Houston, Texas, Mar, 4.

**Ball, A.** (2009). Expanding knowledge of brain and language: Beyond Broca's and Wernicke's areas, Texas Speech and Hearing Association Convention, Austin, Tx April 4.

**Ball, A.**, Grether, S., Al-fwaress, F., & Reichhardt, R. (2006). Developing clinical performance in group therapy. Ohio Speech Language Hearing Association, Columbus, Ohio.

**Ball, A.**, Grether, S., & Thompson, E., (2006). Word prediction for keyboard writing in aphasia. Ohio Speech Language Hearing Association, Columbus, Ohio.

Smith, R., Horwarth, M, & **Ball, A.** (2005). Taste acceptance of liquids thickened with commercial and natural thickeners. Ohio Dietetic Association, Columbus, Ohio.

**Ball, A.** (2005). Agrammatism in Broca's aphasia: Written and spoken comparisons. Ohio Speech Language Hearing Association, Columbus, Ohio.

**Ball, A.**, Neils-Strunjas, J. & Krival, K. (2005). Written narrative decline in an elderly woman. Ohio Speech Language Hearing Association, Columbus, Ohio.

**Ball, A.**, Horwarth, M. & Smith, R. (2005). Taste of thickened liquids for dysphagia diets. Ohio Speech Language Hearing Association, Columbus, Ohio.

Wallace, G., Neils-Strunjas, J., **Ball, A.** & Kelchner, L. (2004) Enhancing functional outcomes after acquired neurological impairment: Using a WHO-ICF approach. Ohio Speech Language Hearing Association, Columbus, Ohio.

Sanders, D. & **Ball, A.** (2003). The Boston Naming Test pictures- A survey review for the 20<sup>th</sup> anniversary. Ohio Speech Language Hearing Association, Columbus, Ohio.

Miller, A., **Ball, A.**, Wollman, I. & Wallace, G. (2002). A study on children's perceptions of a storybook character with dysfluent speech. Ohio Speech Language Hearing Association, Dayton, Ohio.

**Ball, A.** (1999). Looking at neurological writing disorders: What's watt? Ohio Speech & Hearing Association convention, Cincinnati, Ohio, March 10.

**Ball, A.** & Neils-Strunjas, J. (1997). A discussion of agraphia in a case with left temporoparietal infarct. Ohio Speech and Hearing Association Convention, Columbus, Ohio.

Baris, J., **Dell'aira, A.**, Neils, J., Carter, L., Weisinger, B., Young, S. Shiau, Y.W., Weiler, E.M., Ventkatesan, S. (1992) Naming performance in the elderly: Further analysis of effects of environments, age and education. The Ohio Speech and Hearing Association, Cincinnati, Ohio.

### **Presentations- Local:**

Rettig, J., Griffith, J., Dietz, A., Vannest, J., **Ball, A.**, Weaver, S., & Szaflarski, J. (2015). *Hierarchy of cues utilized by clinicians in Constraint-Induced Aphasia Therapy*. Poster presented at the 2015 Presentations of Research and Innovative/Scholarly Endeavors, Cincinnati, OH. (student paper)

**Ball, A.**, Brott, J., Fedynich, L., Garza, R., Oates, B. (2011). Bringing quality to online teaching. 5<sup>th</sup> Conference on the Scholarship of Teaching and Learning, Feb 11.

**Ball, A.** (2009) "Approaches for Targeting Diverse Student Needs"-Noon Seminar, sponsored by the Center for Teaching Effectiveness, TAMUK, October 26.

**Ball, A.** (2009). What's new in aphasia research at TAMUK. Costal Bend Speech Language & Hearing Association meeting, April 14, Corpus Christi, Texas.

**Ball, A.** (2009). Self-directed learning for skill sets. The Fourth TAMUK Conference on the Scholarship of Teaching and Learning. February 14, TAMUK, Kingsville, Texas.

Eaton, KP, **Ball AL**, Altaye M, Kissela BM, Banks C, Holland SK, Szaflarski JP "fMRI language activation paradigms - reliability in post-stroke aphasia and healthy controls" 4th Cincinnati Translational Neuroscience Symposium, Cincinnati, OH Mar. 2007.

### **Invited presentations- non-refereed:**

**Ball, A. (2018).** "Speech language pathology's role in managing aphasia in a culturally diverse community like Las Vegas" - Interview on Healthy Mondays with AAPINA of Nevada on PHLV Radio with Marife Aczon-Armstrong, Las Vegas, Nevada November 2018.

**Ball, A.** (2014). What about coexisting issues of writing in motor speech disorders? A look at cognitive, linguistic and motor correlates of writing with pen and technology. San Antonio Speech and Hearing Association Seminar, San Antonio, TX, Mar 29<sup>th</sup>- 4 CEU program.

**Ball, A.** (2010). Contributions of neuroimaging to our understanding of post stroke recovery. Ohio Speech and Hearing Association, Columbus, Ohio, Mar.13

**Ball, A.** (2009). Training Seminar for Constraint Induced Aphasia Therapy (CIAT) for NIH Grant project "fMRI language recovery following stroke in adults", Drake Hospital, Cincinnati, Ohio, June 9, 10, 11.

**Ball, A.** (2009). Training for Constraint Induced Aphasia Therapy (CIAT), University of Cincinnati, Department of Communication Sciences and Disorders, Cincinnati, Ohio, June 12.

## **RESEARCH**

### **Grants Awarded:**

Apr 2015 TAMUK Social Behavioral Research Award \$1731

2013 Title: Developing Opportunities for Graduate Speech Language Pathology Students to Learn Clinical and Research Applications with Technology  
Funding source: Title V- PPOHA via College of Education and Human Performance  
Role: Co-PI with Dr. Eric Swartz; Budget \$9,983

2012-2013 Title: Using Technology in Creating Communicative Independence”  
Funding source: Texas A&M University-Kingsville- University Research Grant Award  
Role: PI; Budget \$12,570.05

Abstract: The literature of treatment of post-stroke communication deficits has supported the use of repetition of motor articulation with and without clinical feedback. The purpose is to take a baseline look at the stimuli and modality options available for home practice and self-cueing of such motor articulatory forms. We believe that the individual can gain independence in communicative settings by using personal devices. The objective aims are to examine the relative effect of variables of stimulus modality using a speech generating device in word repetition in individuals with aphasia and related disorders, and to explore the self-determination decisions for type of modality preferred and amount of repetition needed in these individuals.

2008-2013 Title: fMRI of Language Recover Following Stroke in Adults  
NIH- RO1- NS048281, PI: Jerzy Szaflarski, M.D., Ph.D., Role: Consultant

2012 Title: Development of the Innovative Speech and Hearing Science Technology Center of South Texas.

Funding source: Title V- PPOHA via College of Education and Human Performance  
Role: PI, with Dr. Eric Swartz; Budget; \$39,994

Abstract: The proposal is for the development of a Speech and Hearing Science Technology Center in the Program on Communication Sciences and Disorders. One of the aims of the technology lab is to create a learning opportunity, in which students learn the diagnostic process of determining the technology tools needed for types of clients.

2008-2009 Title: Writing with Word Prediction Technology in Individuals after Stroke  
Funding source: Texas A & M University-Kingsville University Research Award  
Role: PI, Budget: \$17,908

Abstract: The purpose is to trial a technological writing treatment program designed to improve spelling and syntactic complexity for individuals with non-fluent aphasia using word prediction software. A secondary aim is to refine current software for tracking of keystrokes during the writing tasks.

2005-2007 Title: Language Recovery after Stroke (The Neuroscience Institute, Cincinnati, OH) PI: Jerzy Szaflarski; Role: Co-Investigator; Budget: \$25,000

Abstract: Overall aim is to examine age-dependent neuroplasticity of language following stroke by studying young and old adults with left middle cerebral artery stroke using fMRI.

**Grant Proposals Submitted - not Funded (LISTED RECENT ONLY):**

TAMUK Council for Undergraduate Research (TCUR) 2017-2018 Award

Title: Identification of Revision Patterns in Computerized Self-Practice by Persons with Aphasia and Apraxia of Speech

ASHA Independent Research Grant - 2 year \$74,510 requested

Title: Client-driven Assessment and Therapy for Written Communication Inclusive of Technology Options

Role: PI

2016 Title: Exploring Adult Writing Activities in Technology Age  
Submitted to: TAMUK A&S College Spring Research Support

2015 Title: Meta-analysis of Diagnostic Materials for Written Expression in Adult Neurogenic Disorders. Submitted to Texas Speech and Hearing Foundation- Research Grant. Role: PI

## **PROFESSIONAL GROWTH ACTIVITIES**

### **Membership in Professional Societies**

American Speech-Language Hearing Association member 1987- present  
The National Aphasia Association- 2007-present  
Texas Speech & Hearing Association- 2008 - 2017  
American Academy of Neurology member 2006-2008  
Ohio Speech and Hearing Association member ~1987 to 2007  
Southwestern Ohio Speech and Hearing Association-1999-2006:  
Aphasiology Association of Ohio 1987-1992  
National Student Speech Language Hearing Association 1985-1987

### **Leadership roles in professional societies**

The National Aphasia Association- Texas State Representative 2007-2018  
Southwestern Ohio Speech and Hearing Association-  
    Vice Director of Continuing Education 2004  
    Service Directory Committee 1999-2003  
    Director of Public Information 2000-2001  
    Vice Director of Public Information 1999-2000  
Aphasiology Association of Ohio 1987-1992?  
    Library Resource Chair & Area Representative 1991-1992  
National Student Speech Language Hearing Association:  
    University of Cincinnati Chapter President 1986-1987

### **Attendance at meetings of professional societies (only most recent listed)**

- American Speech & Hearing Association Convention, 2017, 2016, 2015, 2013, 2009,
- Texas Speech and Hearing Association Convention, 2017, 2015, 2012, 2011, 2009
- Clinical Aphasiology Conference, 2016, 2010

### **Professional Service- Reviewer**

- *American Journal of Speech Language Pathology*- 2018 manuscript
- *BMJ Open*- 2018 manuscript
- *Medical Science Monitor*- 2017 manuscript
- The Stroke Association UK- Peer reviewer of grant application, March 2017
- Jones & Bartlett Learning, 2017 & 2014, review of textbooks
- *Aphasiology*, 2016 manuscript – 3 submissions; 2017, 2018, 2019
- *Clinical Linguistics & Phonetics*, 2012 manuscript
- Elsevier publisher, 2012 review of neurology textbook
- Pearson Merrill Prentice Hall, 2006 reviewer of textbook prospectus
- *Language Speech Hearing Services in Schools*, 2004 manuscript
- Lippincott Williams & Wilkins journal, 2003 reviewer of textbook prospectus
- Merrill Prentice Hall, 2002 reviewer of textbook prospectus

## **SERVICE ACTIVITIES**

### **Nevada State College:**

Chair of search committees for Clinic Director and Asst/Asso tenure track faculty 2018-2019  
Member and Chair of graduate admissions committee for speech-language pathology

### **TAMUK College Activities and Committees:**

Appointed to Distance Learning Forum group (now ATAC)- Dec 2013- to 2018  
Chair of Friends of ATAC- started 2016-2018

Faculty advisor to student group: Student Audiology Forum (SFA) Fall 2013-2018  
 CSDO leveling program coordinator 2011- 2018  
 Elected to A&S Tenure and Promotion committee 2016- 2017  
 Chair of open rank CSDO faculty search position 2016 Fall- 2017  
 Co-chair of open rank CSDO faculty search position 2016 Spring-Summer  
 Chair of A&S Tenure and Promotion committee Fall 2016- Spring 2017  
 Appointed by Dean Guerrero to Provost's Task Force on College of Health Professions 2016  
 Facilitator of Monday Noon Seminar- "20 Minute Mentor Series"- Oct 22, 2012, April 22, 2013,  
 Nov 9, 2016  
 JNet Portal Committee- Fall 2012- 2015  
 Search Committee Chair for Social Work Director 2014-2015  
 A&S College Continuance Committee- Fall – Spring 2013  
 Appointed to preliminary hearing committee for faculty non-renewal -Jan 2014-2016  
 Appointed to Title 9 Compliance Task force- Sept 26, 2013 to 2015  
 Advisor for McNair's Scholar- CoryFrancis Cortez 2012-13  
 McNair's Scholar Luncheon Sept 26, 2013  
 Attended NSSLHA banquet May 1, 2013  
 Attended 1<sup>st</sup> Annual Regional Javelina Research Symposium April 18, 2013  
 Institutional Biosafety Committee - Fall 2012-2013  
 A&S College Tenure and Promotion committee- Fall 2012 and Fall 2013  
 Department committee to re-evaluate departmental-level tenure and promotion procedures  
 2012  
 CSDO graduate coordinator Jan-Dec 2011  
 Elected and served TAMUK Faculty Senate- 2010-2012  
 Senate committee to review the recommendation to rename the National Natural Toxins  
 Research Serpentiarium Spring 2012  
 Senate subcommittee on Faculty Annual Lecture 2011-2012  
 Senate representative to the University Committee on Technology 2011-12?  
 Chair of Faculty Search Committee 2010- 2012  
 Alternate IRB member 2010- 2012  
 Nominated for Honor's Dean Search Committee 2010 by A & S College  
 Nominated for A & S College Dean Search Committee 2009? by Department Head  
 Graduate Council Student Representative 2009-2011  
 T A& M System- Distance Education Advisory Council 2008-2010  
 and Needs Analysis Task Force 2009  
 Trainer for Hybrid courses and Blackboard9- 2009  
 Institutional Biosafety Committee 2008- Aug 31, 2011  
 Hoggie Days Advisor for CSDO 2008 & 2009  
 Attended 9<sup>th</sup> Annual Breast Cancer Walk Oct 24, 2009 with CSDO student organization-  
 NSSLHA as faculty representative  
 Spoke to CSDO student organization- NSSLHA 2009 on Aphasia  
 TAMUK representative to NSSLHA banquet at national organization ASHA 2007

**UC College Activities and Committees:**

Faculty advisor for American Red Cross UC student group – 2005  
 College of Allied Health Sciences Committee on Committees 2004-2006  
 CSD Graduate Admissions Committee 2004  
 Student Affairs Committee 2002-2004, Chairperson 2002-2003  
 Blackboard Pilot Project Facilitator "Research Forum for CAHS Faculty" 2002-2003  
 Organized Explorers High School Event for CSD-2002  
 Involved in Retention Grant for Freshman Career Exploration- Career Seminar I & II in Allied  
 Health Winter/Spring 2002

### **Service Outside University**

Participated in Expo March 2013

*National Aphasia Association*: Worked at the booth for the at TSHA convention on April 4, 2009

Presented to *Christus Spohn Health System Stroke Support Group* 10/11/08 at Christus Spohn Shoreline Hospital, Corpus Christi

Represented TAMUK at the National Student Speech and Hearing Association Student Awards Luncheon at the ASHA convention, Boston, MA., 11/17/07

American Red Cross Volunteer, Cincinnati Chapter 1998- 2006

Puppy Lovers Youth program, Special Events and Fundraisers, Smoke Detector Blitz, CPR Super Saturdays, Disaster Services occasionally

Volunteer coach for Clermont County Special Olympics 1999

### **Awards:**

Title V Integrating a Culture of Academic and Research Engagement (*I-CARE*) course redesign undergraduate research program- Competition Award 2017-2018

Texas A&M University System Student Recognition for Teaching Excellence Spr 2012

University of Cincinnati Scholarship for Master's and Ph.D. studies

Aphasiology Association of Ohio Award 1987

OSHA (Ohio Speech Hearing Asso) Graduate Student Award 1987

National Student Speech Language Hearing Association Honor Membership Award 1987